

Nice

Catalogue 2019/20

Screen.

Automation and management systems
for awnings, blinds and shutters
catalogue.



Nice Screen

Catalogue 2019/20

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Marina Bay Sands Hotel

Singapore

Control systems for interior blind and curtain automation.

Münchner Stadtbibliothek

Laim, Munich, Germany

Automation of external roller blinds and awnings.



Villa Necchi Campiglio

Milan, Italy

Outdoor roller blind automation system.

Nice, we make the extraordinary ordinary

Our aim is to let people live in a world without barriers, that makes the Nice Group the ideal partner to implement all types of projects from: residential, commercial, hotels and, other public spaces such as; schools, hospitals and medical centres.

**Unique solutions,
blending technology, innovation,
quality and design.**

Automation and control systems for gates, garage doors, barriers, awnings, blinds, rolling shutters and alarm and lighting systems, now with integrated management through smart intuitive interfaces: practical, functional and elegant solutions for the ideal way to live every space.

Designers, architects and engineers find their ideal partner in the Nice Group, always ready to provide complete support during project design, installation and implementation.

Nice means the simplest integration, the most elegant design and the most advanced electronics.

www.niceforyou.com



Why Nice

Sustainability

By developing solutions to optimise management of natural light and heat, Nice is actively committed to sustainably improving people's quality of life.

The automation systems for awnings, blinds, rolling shutters and sunscreens in general guarantee intelligent management of sunlight and temperature in a building, reducing the use of artificial light during the day, avoiding heat loss during the winter and protecting from direct sunlight in the summer.

Artificial light and central heating account on average for about a third of the annual energy consumption of a commercial building.

Automating sunscreens and optimising their management through climatic sensors and the possibility of controlling the installation even from a distance means reducing the building's energy consumption and saving on costs.



Quality

Nice products stand out for their advanced electronics, high aesthetic quality and attention to detail.

Nice tubular motors are designed and made in Italy by a highly qualified & specialised team in the Nice R&D Centre.

In order to consolidate our top quality products for indoor, outdoor and Venetian blinds and sunscreens in general, **Nice has built a new production plant in Germany**, located in the advanced industrial district of Stuttgart.

The plant is inspired by the “focused factory” concept, based on a single line of products and able to offer made-to-measure solutions with very rapid delivery times.

The project combines Made in Italy creativity with Made in Germany philosophy, to focus on a complete home comfort offer.



Warranty

Safety and reliability are fundamental values for Nice. Everyday, we test our products rigorously and precisely in our 1000sqm of laboratories, following procedures at the forefront of technology and using the most advanced instruments available to guarantee maximum technological and quality standards.

Nice tubular motors are controlled and tested for a long guarantee: 5 years* from the production date indicated on each product.

*3 years for the electronic control devices.



Nice Centre R&D and labs

Nice is always on the lookout for innovative solutions which don't exist. Not yet.

Nice has made significant investments to guarantee maximum quality standards, going beyond mere compliance with directives and regulations, to focus on continuous product improvement through high-tech procedures and experimentation, together with an innovative approach to open integration.

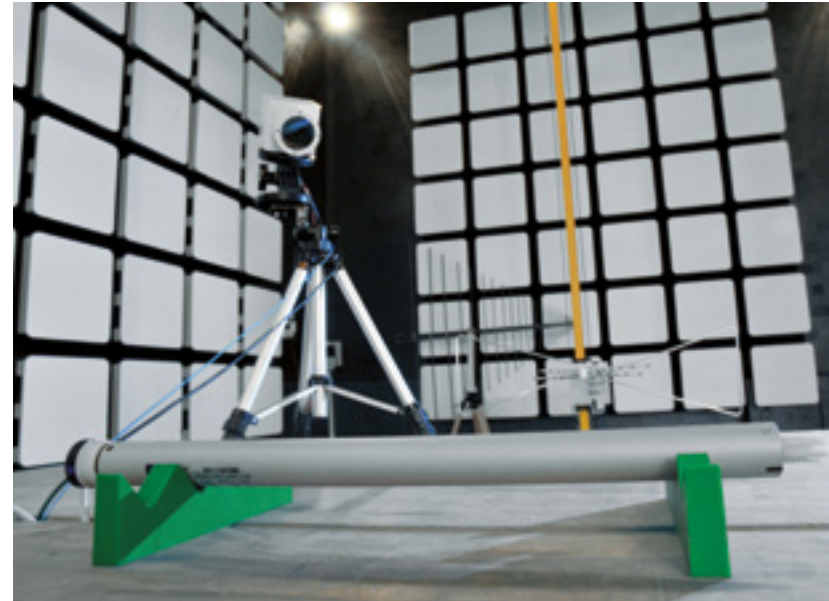
Every day in our laboratories we test our products painstakingly and precisely using cutting-edge technical procedures and the most innovative instruments in order to guarantee safety, quality, reliability and durability over time.

The Nice quality system complies with the internationally recognised **ISO 9001** standard, while our laboratory conforms to the strict quality requirements of **EN 17025** for test laboratories.

Nice CE certified products comply with European Directives and the leading internationally recognized standards.

Nice laboratories have been certified by outside certification bodies, attesting their technical expertise and conformity to carry out testing to meet the needs of the numerous products manufactured by the Nice group:

- LCIE (France)
- IMQ (Italy)
- CTC Advanced (Germany)
- Intertek (Sweden)
- UL (USA)



Semi-Anechoic Chamber

Evaluation of the electromagnetic compatibility of motors and their immunity to radio interference.

Acoustic Chamber

Noise and vibration tests on motors during functioning.

Climatic Chamber

Verification of a motor's ability to function correctly under conditions of high and low temperature and withstand rapid temperature changes. Electrical safety tests to ensure that even extended periods of functioning will not cause the motor to overheat.

Fewer worries and more safety with Yubii

Yubii is the new Nice ecosystem that lets automations communicate not only with each other, but also with you through bidirectional remote controls.

Yubii resolves your every doubt

The new remote controls provide you with information on the status of your automations by LEDs, sounds or slight vibrations, so you can know at any moment if the garage and gates are open or closed, or if the blinds and rolling shutters are raised or lowered.

Yubii keeps you informed

With the new remote controls, lights, sounds or vibrations let you know immediately if the automation has received your command correctly, so you don't need to get up and check for yourself.

Yubii helps you live better

Having your home under control at all times has never been easier and more convenient, because all the answers to your doubts are at your fingertips, or rather, in the bidirectional remote controls and the MyNice Welcome App.

[Yubii.niceforyou.com](https://yubii.niceforyou.com)





Yubii™

The new Nice bidirectional ecosystem

The new Nice bidirectional radio protocol gives you two-way communication between the transmitter and receiver.

The bidirectional (BD) transmitters will give your customers feedback on reception of the command and information on the status of garage, gate, blind, sun awning and rolling shutter automations by orange, green and red LEDs, together with sounds and slight vibrations.

The new range of BiDirectional products

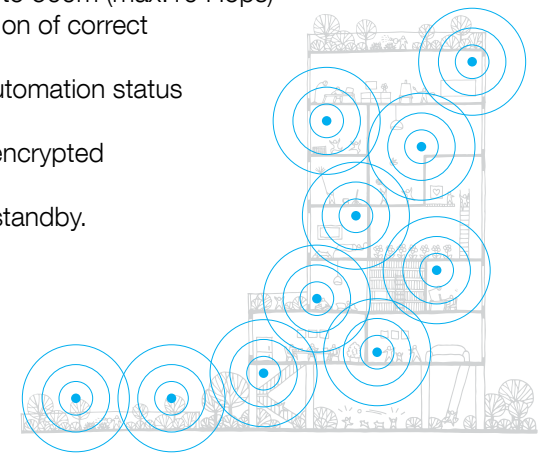
With tubular motors and Nice bidirectional control systems to automate indoor blinds, you can now receive **feedback on reception** and check the **status of the automations**.

When you send a command to the automation, the transmitter indicates correct reception, the presence of possible faults or the need to change the device battery. When the “i” key is pressed, the transmitter also provides information on automation status (open, closed, in an intermediate position) by light or sound signals.

Nice mesh network

The Nice bidirectional radio protocol with mesh technology has numerous advantages:

- extension of the radio range to 500m (max. 10 Hops)
- confirmation by the automation of correct command reception;
- the possibility of checking automation status at any moment;
- high security, thanks to the encrypted communication;
- low energy consumption in standby.





ERA P BD, ERA W BD

Portable and wall-mounted transmitters

Ergonomic design and intuitive use for this line of transmitters to control indoor blind automations. With key to activate/deactivate the climatic sensor, “i” key to check blind position and slider for the “Go to Position” function.

Available in one and six channel version.

Up to six groups of automations can be controlled in single, group, or multigroup mode.



ERA INN EDGE BD

Tubular motors for indoor blinds

Tubular motors with electronic limit switch, practical dry contact input and built-in bidirectional radio receiver.



DMBD GW

Bidirectional din module

The DMBD GW module acts as an interface between the modular system and the Nice bidirectional transmitters: it can memorise up to 30 radio channels with a frequency of 433.92 MHz and manage all outputs in the control system.



TTPRO BD

Palmtop programmer for tubular motors

Time savings and incomparable precision. The TTPRO BD simplifies management of blind and rolling shutter automation systems: programming is simple, by memorising the settings then copying them without repeating the sequence for each new automation.

No access to the automation is required: you can control and programme Nice automations with bidirectional radio without needing physical access to the motor itself. Installation is completely wireless.



ERA FIT M BD

For outdoor blinds and rolling shutters, with built-in bidirectional radio receiver

Tubular motor with electronic limit switch and built-in bidirectional radio receiver.

Better service, closer to you

Nice provides you, the professional, with a complete range of solutions designed to enhance your offer to the customer and to simplify installation and programming of all automation systems, from the simplest to the most sophisticated.

Technology, reliability and service.



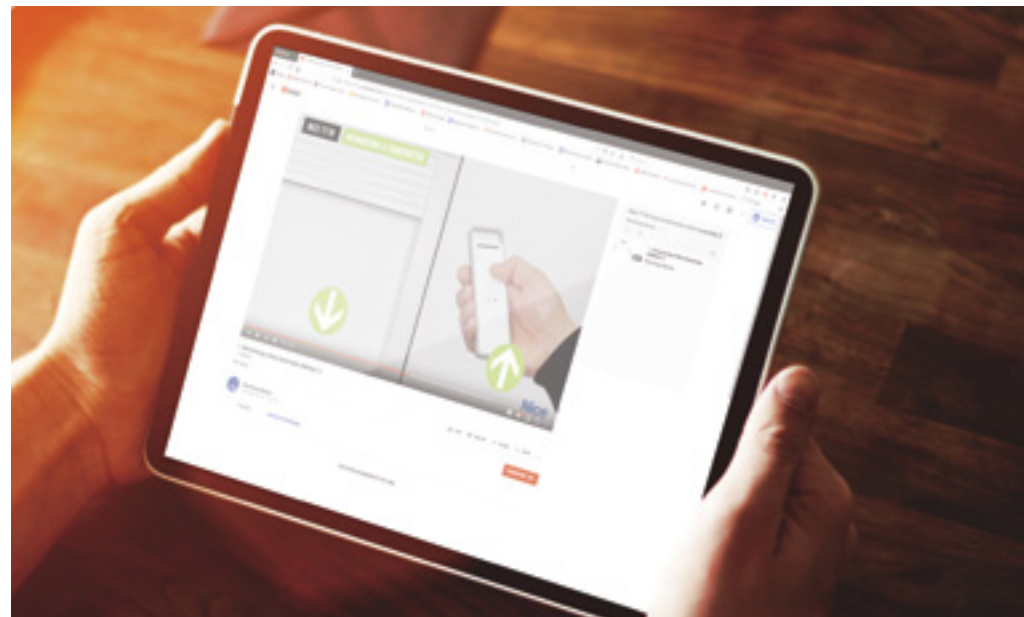
Tools

Nice presents the new **TTPro BD**, the new completely wireless palmtop programmer that **simplifies management of Nice motors and control units and enables programming of the new Nice automations with bidirectional radio** without having to physically access the motor and allows duplication of programming from one motor to another.



Training

Nice offers a packed programme of **training courses on products, sales techniques, installation and programming**, to provide a complete professional training.



After-sales service

Nice guarantees **efficient and prompt service, even online, on the Niceforyou.com website**, with contents dedicated both to the professional and to the end user.

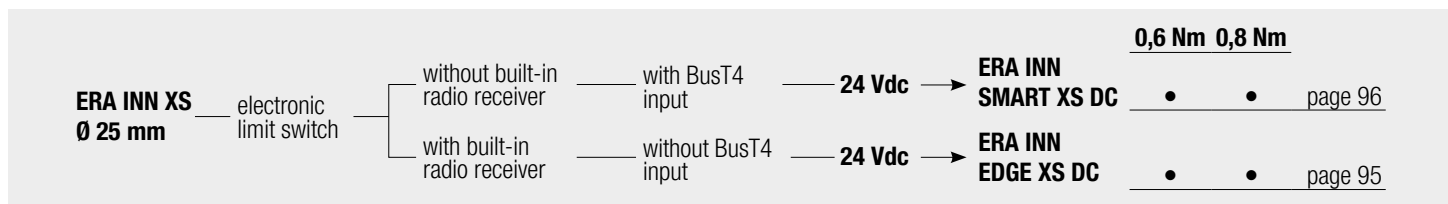
- Section dedicated to **installation and programming tutorial videos**, with the **answers to the most frequently asked questions**.
- A **section** where you can **download instruction manuals, quick guides, catalogues and brochures**.
- A forms you can use to ask for the **updated software or firmware** of any programmer or control unit.



Guide to the catalogue

In the catalogue, you can find:

- a practical **division of tubular motors by application type** and all the benefits of a state-of-the-art system;
- an **intuitive guide to selecting the right motor** to suit the characteristics of each awning, blind or shutter;
- a **tree index** to help you identify motor models by torque, bearing in mind the characteristics most suitable to your automation needs, complete with page references for quick consultation.



Complete your automation system by choosing the most suitable Nice electronic control devices.

In the final section of the catalogue, you can also find examples of typical **installation configurations**, an exhaustive **technical glossary** and a practical **alphabetical index**, to have everything you need at your fingertips.



ROSA E BALLO EDITOR

Nice



Control and programming systems

20. Yubii ecosystem

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**66. Programming devices
for the professional**

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building management**

74. MyNice World app

**76. DIN modules for managing
tubular motors**

Yubii™

More automations, more control, fewer worries.

Yubii connects all the automations in your home and lets them communicate with each other and with you via the Mesh network, so you can eliminate every doubt and live each day with greater peace of mind.

Manage your home from your smartphone.

Download the MyNice Welcome app to have everything under control, even when you're not at home.

More certainty with bidirectional remote controls.

Bidirectional remote controls provide feedback through vibration, sounds and lights to indicate automation status and correct command reception.

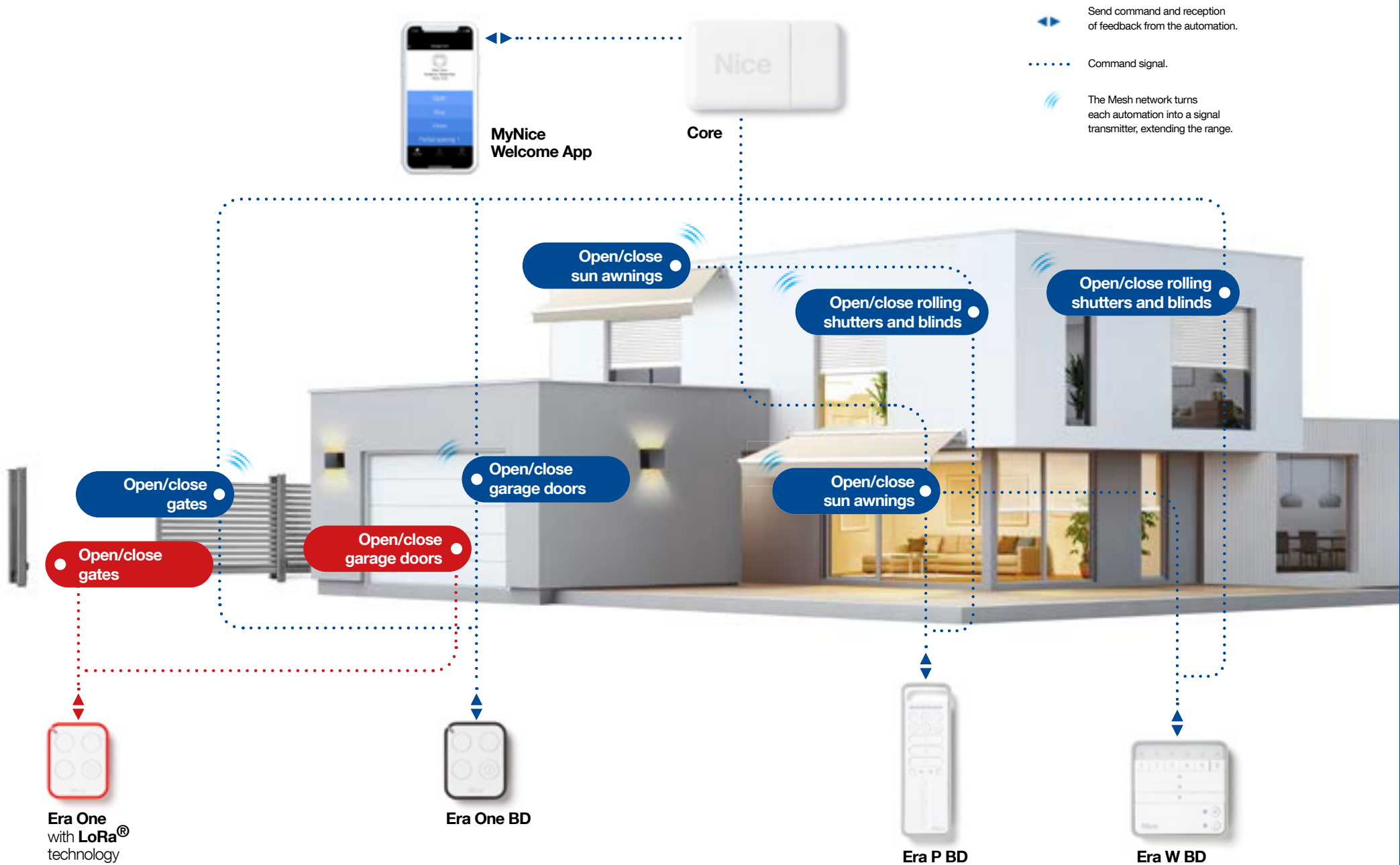
Your lifestyle, your scenarios.

Connect your automations through the Core and create customised scenarios you can manage either by smartphone or by setting a key on your bidirectional remote control.

For example, you could create a scenario that raises the rolling shutters, turns on the irrigation and opens the garage door to let the dog out in the garden every morning at 7.00.

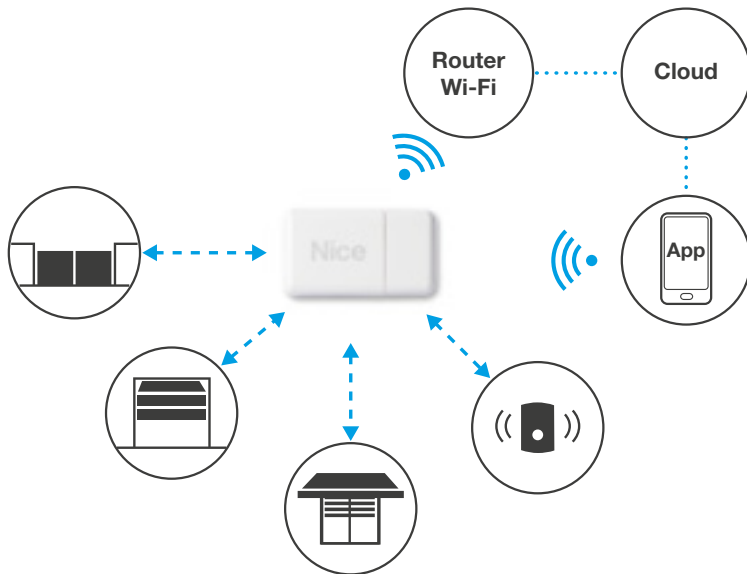
All this with just one click on your smartphone or the bidirectional remote control.

Do you want to have everything under control, even when you're not at home? You can even get an answer from your current gate or garage with a simple upgrade. Do the test now and discover which bidirectional products you need on yubii.niceforyou.com



Core

Nice Wi-Fi-Radio Gateway



Nice Wi-Fi-Radio Gateway to manage Nice automations via the MyNice Welcome App.

Smart: communicating by Wi-Fi, Core enables Nice automations with built-in or optional radio receiver for doors, gates, barriers, blinds, awnings and rolling shutters to be connected, made to interact and controlled, including remotely. It can also be used to manage remote controls (including unidirectional), sensors for blinds, awnings and rolling shutters with built-in radio and accessories for MyNice alarm systems (except MNTX8, MNKS, and MNPIRTVCC series Photopirs).

Easy to configure: the **MyNice Welcome App** makes configuring the interactions between the automations and programming scenarios easy and intuitive.

Comfort: activations can be scheduled in time bands, for example:

- at 7.00 in the morning, raise the blinds and open the garage door (good morning);
- at 21.00 in the evening, dim the light levels in the room by partially lowering the blinds, turn power to the stereo on to play music (relax);
- at 22.00 at night, turn off the lights (good night).

Safe: The bidirectional radio protocol uses GFSK modulation to improve immunity from interference.

Optional battery power to safeguard functions in the event of blackout. Configurations are automatically saved on the Nice Cloud.

Versatile: Thanks to the Yubii ecosystem, you can make all the devices in the system interact to create events, such as:

- activating a Nice remote control raises the blinds and turns the lights off;
- if a Nice smoke detector detects the beginning of a fire, the system will automatically turn power to the electrical loads off;
- if a Nice flood detector detects that the water has reached the threshold level, it will open the garage door.

In unidirectional rolling code mode, compatible with previous versions of Nice receivers with connector or surface mounted.

Discover the complete range of **BiDirectional products** on page 12.

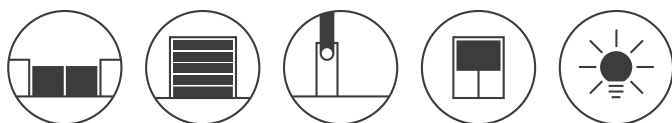
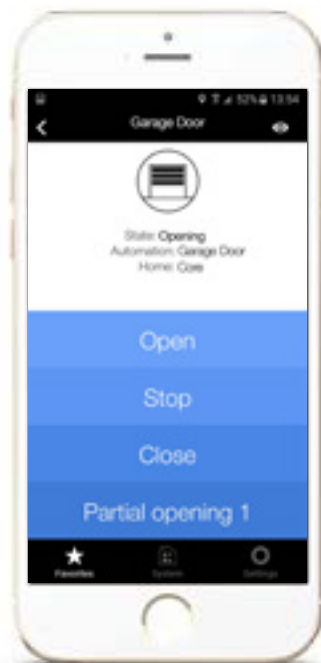
Discover all the benefits of the **Yubii** system on page 20.

TECHNICAL SPECIFICATIONS

Code	Description
CORE	Nice Wi-Fi-Radio Gateway
Code	CORE
Input	5V
Optional battery power	2x AA NiMH rechargeable
Maximum absorbed power (mW)	1,5
Wi-Fi interface with internal antenna	802.11b/g/n – 2,4 GHz (P<10mW)
Safety	OPEN/WEP/WPA-PSK/WPA2-PS
Support	WPS
Dual band radio transmission	Dual band bidirectional 433.54 - 433.92 MHz 868,3 - 868,94 MHz (P<10mW)
Radio range in open space free of disturbance *	500 m (max. Mesh network); 150m (if inside buildings)*
Protection level (IP)	30
Operating temperature E (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	113x64x33
Weight (g)	100

* Transmitter range and receiver reception capacity may be affected by any devices operating on the same frequency in the area and by the position of the system's radio antenna.

My Nice Welcome App



MyNice Welcome is a single APP allowing users to configure and control **Nice** devices directly from their smartphone via **Core**, the Nice Wi-Fi-Radio gateway.

Everything under control: if your smartphone has an internet connection, you can also view the status of each individual automation and control it wherever you are via the Nice Cloud.

All Nice technology at your fingertips! the MyNice Welcome App lets you configure and control the system locally, even without an internet connection.

With a simple click, you can update the IT4WIFI interface and Nice Core Wi-Fi-radio gateway, download the events log and view automation activations and diagnostics.

Practical: you can control Nice group automations and create scenarios and rules remotely, combining sensors, remote controls and automations (the smartphone and Core communicate via the Wi-Fi network).

Smart: with the dedicated accessories, you can now:

- **associate** and save all home devices, such as sensors, remote controls and automations;
- **configure** the parameters of the bidirectional sensors and verify their status (battery, FW version, etc.);
- **add** more functions to a key on the remote control, while maintaining the original settings (for example, if pressing a key opens the gate, you can now add other functions, such as the simultaneous or delayed switching of the garage light or activation of an existing scenario);
- **create** scenarios involving all the saved devices, or activate the functions of an automation with an event (pressing a button, sensor activation, scheduling), for example, close the rolling shutters at your preferred time of day (scheduling) or when the wind sensor sends an event (sensor activation).

Discover the complete range of **BiDirectional products** on page 12.

Discover all the benefits of the **Yubii** system on page 20.



MyNice Welcome

Available free on



Download on the
App Store



Functions

Commands: open, stop, close, plus one other from among those provided by the automation

Geolocation and other actions are possible thanks to compatibility with the IFTTT service

Requisites

A maximum of 20 users can be associated with the IT4WIFI

iOS 10 or Android 5 operating system or later

Wi-Fi access point supporting Apple's Bonjour service



To configure Core with the MyNice Welcome App, see the instructions on the Nice site.

<https://www.niceforyou.com/en/support>

Index of Nice control electronics

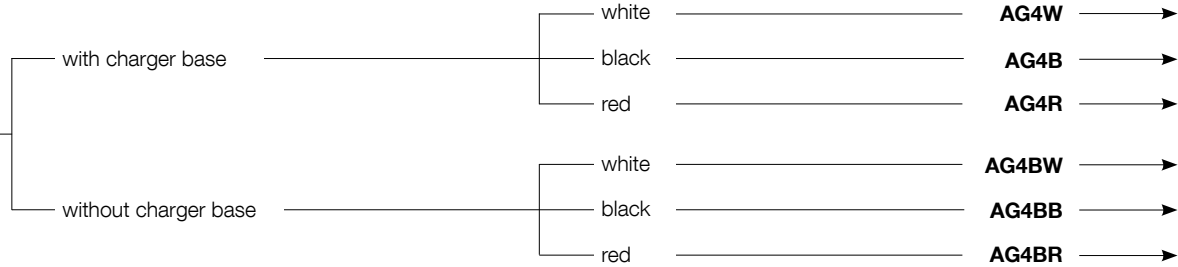
Portable and wall-mounted transmitters

Multifunction radio transmitter to manage up to 99 devices individually or in groups
Era P View

ERA P VIEW →

page 30

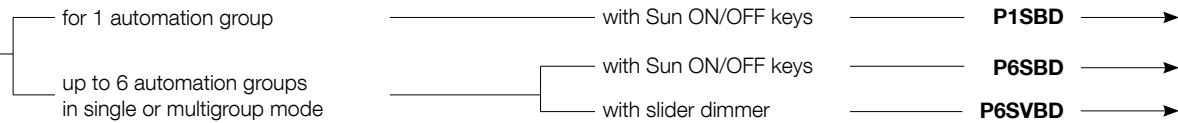
4-channel radio transmitter to control automations, lights and electrical loads
Agio



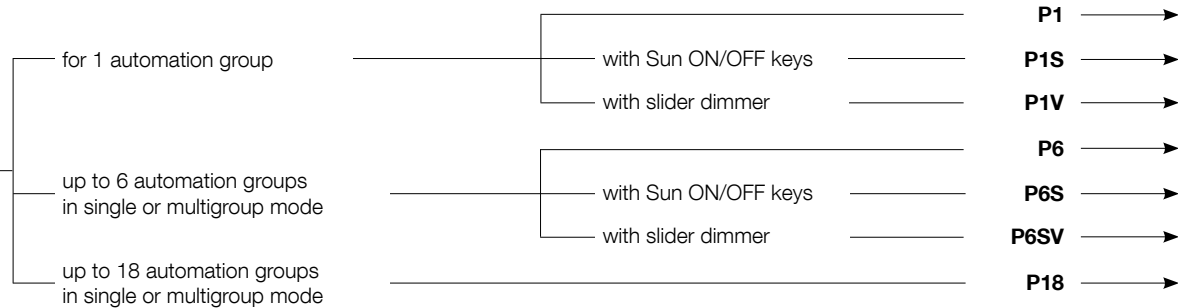
Modular radio control system to manage Nice automations for awnings, blinds, rolling shutters, gates and garage doors from anywhere in the home
Niceway

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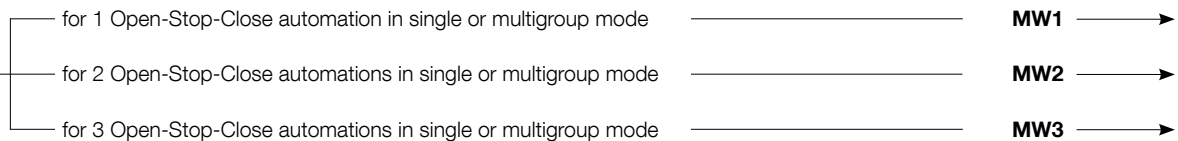
Radio bidirectional transmitter to control automations for awnings, blinds, rolling shutters, lights and electrical loads
Era P BD serie



Radio transmitter to control automations for awnings, blinds, rolling shutters, lights and electrical loads
Era P serie



Miniaturised radio transmitters for the intuitive control of awnings, blinds and rolling shutters
Era Miniway



Wall-mounted transmitters

Wall-mounted touchless radio transmitter for controlling one automation or group of automations
Air

AIR 1RW →

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Wall-mounted bidirectional transmitter to control awnings, blinds and rolling shutters

NEW Era W BD serie

for 1 automation group

with Sun ON/OFF keys

W1SBD →

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up to 6 automation groups in single or multigroup mode

with Sun ON/OFF keys

W6SBD →

page 39

Radio transmitter to control automations for blinds, awnings and rolling shutters
Era W serie

for 1 automation group

with Sun ON/OFF keys

W1 →

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W1S →

page 42

up to 6 automation groups in single or multigroup mode

with Sun ON/OFF keys

W6 →

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W6S →

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Wall-mounted weekly programmable timer, can manage up to 6 independent channels and memorise a maximum of 30 events
Era Krono

battery-powered, manages 1 channel via radio

1WW →

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battery-powered, manages up to 6 channels via radio

6WW →

page 45

mains powered, manages 1 group of motors by wire

1WC →

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Radio-controlled sun, temperature and internal luminosity sensors, battery-powered, LCD display, compatible with NiceWay series supports

Niceway Sensor

Sun-Ambient Light sensor

WMS01S →

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Sun-Ambient Light-Temperature sensor

WMS01ST →

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Index of Nice control electronics

outdoor climatic sensors


<p>outdoor climatic sensors, radio-controlled, including wireless. With adjustable support for fixing NEMO</p>	<p>powered by built-in photovoltaic cells</p>	Wind-Sun sensor	NEMO WSCT	→	page 48
		Sun sensor	NEMO SCT	→	page 48
	<p>powered by mains electricity</p>	Wind-Sun-Rain sensor	NEMO WSRT	→	page 49
		Sun-Rain sensor	NEMO SRT	→	page 49
<p>outdoor climatic sensors, radio and wired, powered by mains electricity, adjustable fixing support VOLO</p>	<p>radio transmission, can be memorised in a number of motors and/or control units</p>	Wind-Sun sensor	VOLO S-RADIO	→	page 51
		Wind sensor	VOLO	→	page 50
	<p>wired transmission to control a maximum of 5 motors and/or control units</p>	Wind-Sun sensor	VOLO S	→	page 50
		Wind-Sun sensor with thresholds adjusted by trimmer	VOLO ST	→	page 50
<p>Radio-controlled vibration wind detector, battery-powered NEMO VIBE</p>			NEMO VIBE	→	page 52

control units

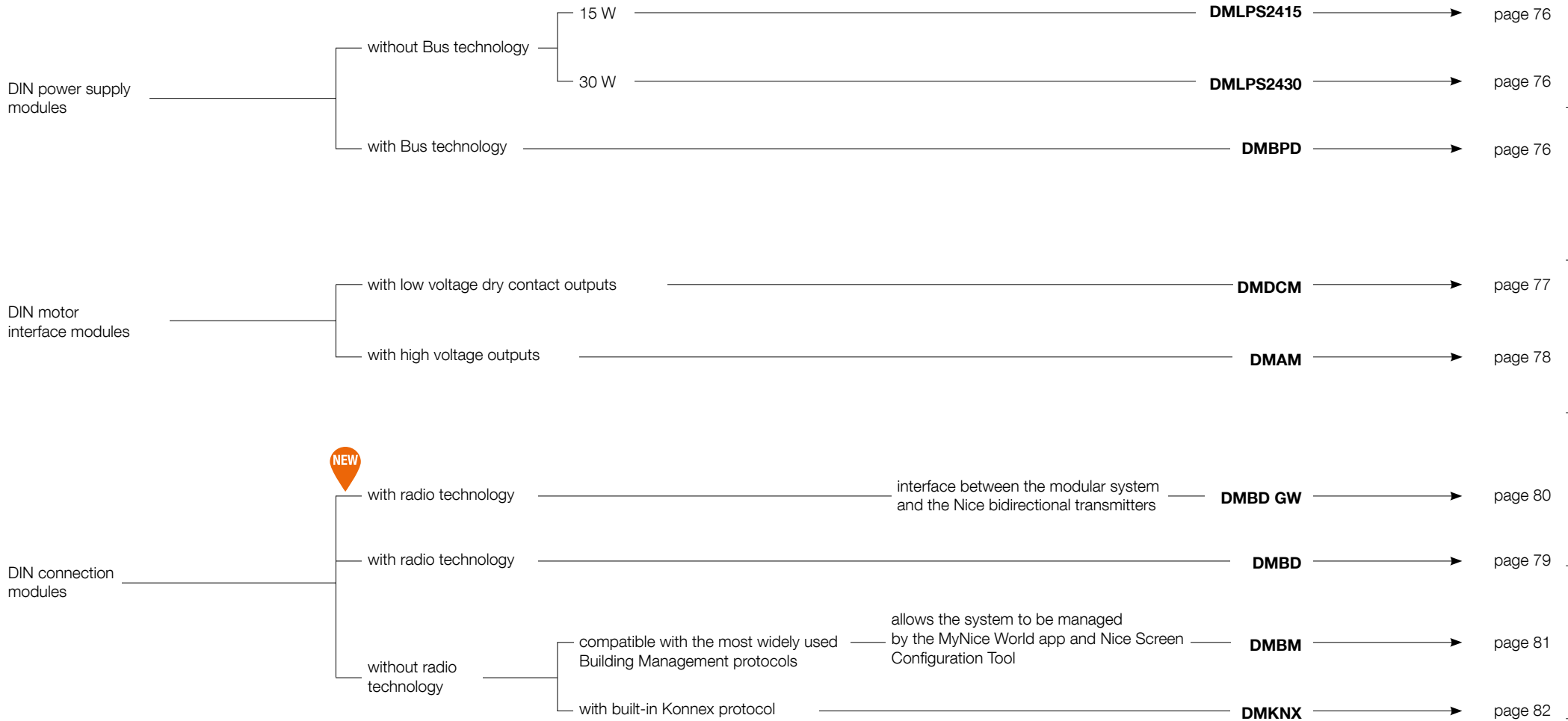
Concealed control system TAG	recessed transmitter, battery-powered		TTX4	→	page 56	For indoor blinds	
		recessed transmitter powered by mains electricity		TTXB4	→		page 56
	miniaturised receiver, for mounting on a wall-plate	for 1 230 Vac motor		TT2N	→	page 57	For outdoor blinds and awnings
		for dry contact controlled motors, 4-wire motors and lights		TT2Z	→	page 58	
		for 1 light or 230 Vac load		TT2L	→	page 59	
		for 1 light or 230 Vac load, with internal switching module		TT2D	→	page 59	
		for electrical loads up to 250 W, ON/OFF and DIMMER function		TTDMS	→	page 60	
	miniaturised receiver, for passthrough installation	to control motors up to 500 W. 433.92 MHz frequency receiver, rolling code		TT1N	→	page 61	For rolling shutters and rolling door
		for Venetian blinds, to control motors up to 500 W. 433.92 MHz receiver, rolling code		TT1V	→	page 61	
		to control loads at 230 Vac mains voltage with power up to 500 W. 433.92 MHz frequency receiver, rolling code		TT1L	→	page 61	For bioclimatic pergolas
with Hirschmann connector to control one motor up to 500 W for outdoor Venetian blinds, sun awnings and rolling shutters. 433.92 MHz frequency receiver, rolling code			TT1VR	→	page 62		
Surface mounted control units with Wind-Sun levels adjustable by transmitter or trimmer MINDY TT	to control 1 motor up to 1000 W. Adjustment of climatic sensors by trimmer		TT3	→	page 63	Adapters and supports	
	to control 1 motor up to 1000 W. 433.92 MHz receiver, rolling code. Adjustment of climatic sensors by trimmer		TT4	→	page 63		
	to control 2 synchronised motors up to 600 W. 433.92 MHz receiver, rolling code. Adjustment of climatic sensors by trimmer		TT5	→	page 63		
Communication interface	TTBus-RS232 and control unit for tubular motors		TT6	→	page 64	Installation guide	

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programming units

Programmers	 for Nice tubular motors with dry contact or TTBus technology	TTPRO BD	→	page 67
	for Nice tubular motors with electronic limit switch	TTU	→	page 70
	by BTicino Bus and Nice TTBus	INB	→	page 68
	for motors and control units with TTBus	O-VIEW TT	→	page 68

DIN modules for advanced building management



Nice

Era P View

For advanced automation management



3 keys for direct control of the automation.

Practical 5-key joypad

Multifunction radio transmitter with intuitive graphic interface, LCD colour screen (2.2") navigation by 5-key joypad.

Possibility to control up to 99 devices singly or in groups.

With clock and calendar to configure timed scenarios and commands.

Advanced programming for professionals

The installer can access programming directly during first start-up by inserting the batteries, or subsequently using the keys on the back of the transmitter.

Easy to use for all requirements: can be used in two ways, in either simple or advanced mode.

Advanced User

Can modify the transmitter settings and the labels identifying the devices.

Can create, schedule, modify and control zones, groups and scenarios. Can also limit access to the advanced menu by a numerical password.

Easy User

Can simply and directly control a small number of devices pre-authorized by the advanced user.

Can consult the dashboard and suspend timed events.

Practical and functional

If not used for a few seconds, Era P View switches to stand-by to reduce battery consumption. The device comes on again automatically when moved, or if any key is pressed, thanks to the built-in sensors.

USB input to recharge the batteries (if rechargeable).

With practical magnetic support for fixing to the wall.

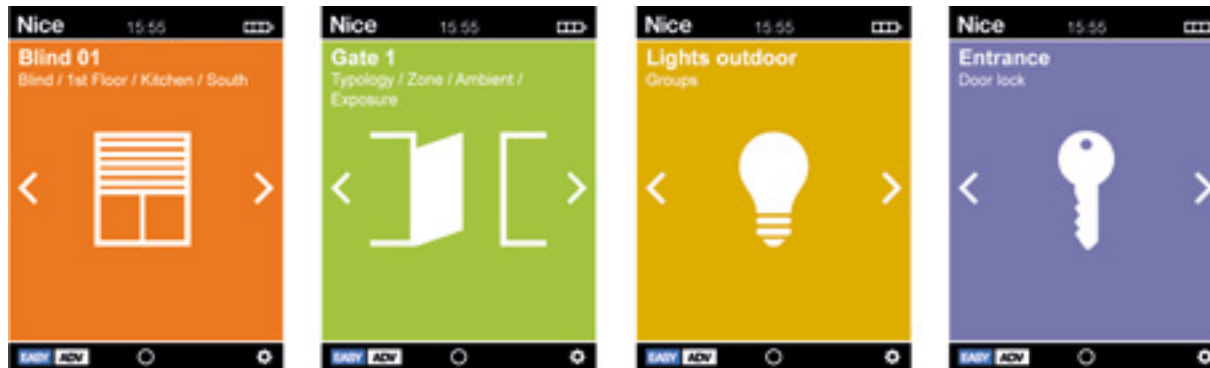


Code	Description	Pcs./pack.
ERA P VIEW	Multifunction radio transmitter with intuitive graphic interface to manage up to 99 devices individually or in groups	1

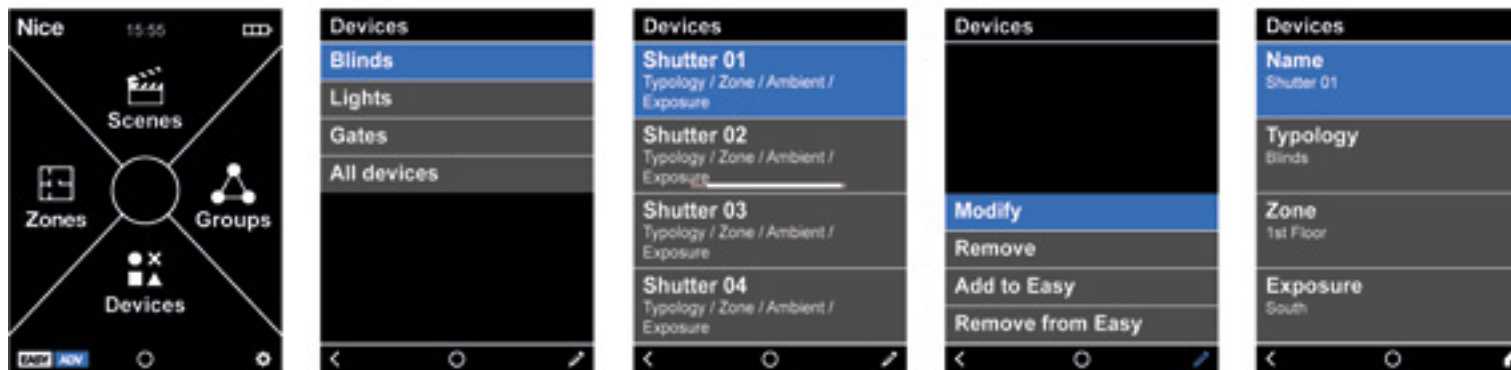
TECHNICAL SPECIFICATION

Code	ERA P VIEW
Power supply	2 AAA 1.5V alkaline batteries
Battery lifetime	About 1 year with 20 operations per day
Radio coding	Rolling code
Frequency	433.92 MHz (±100 kHz)
Range	Estimated 200 m in open space and 35 m indoors
USB socket	Micro USB
Operating temperature (°C)	-20; +50
Protection class	IP 40
Dimensions (mm)	200x50x15 (without wall support)
Weight (g)	140

IMMEDIATE AND INTUITIVE SELECTION OF THE DEVICE TO BE CONTROLLED THANKS TO THE MULTI-LANGUAGE GRAPHIC INTERFACES



ADVANCED USER: COMPLETE SELECTION MENU TO PROGRAMME AND MANAGE ALL DEVICES



Nice

Agio

To control automations lights and electrical loads



Portable 4-channel transmitter to control awnings, blinds, rolling shutters, lights and other electrical loads, with ON/OFF and dimmer functions.

Maximum interaction with the light

Agio can turn on and adjust the intensity of any light source and operate awnings, blinds, rolling shutters and other electrical loads remotely, guaranteeing **total management of the artificial and natural light sources in a building.**

Elegant

ABS and polycarbonate body in 3 colours with a glossy finish: traffic white (RAL 9016), deep black (RAL 9005) and crimson red (RAL 3002).

Intelligent

For night use, the keys of Agio light up as you move your hand near and a simple rotary movement turns on the handy **courtesy light** concealed on the bottom.

Practical

The tabletop or wall-mounted charger base works on induction: just rest Agio on the base and it will remain fully charged for hours and hours of operation. The USB input also allows the charger base to be used to charge mobile devices such as smartphones and tablets easily.

Comfort

Thanks to the presence of a slider, a simple touch is all it takes to easily adjust the slant of Venetian blinds ("Tilting" function) or bring sun awnings and rolling shutters to the position corresponding to the pressure point, from 0 to 100% of the travel ("Go To Position" function).



Built-in courtesy light

Code	Description	Pcs./pack.	Certificates
AG4BW	Portable transmitter to control awnings, blinds, rolling shutters, lights and electrical loads, white	1	CE
AG4BB	Portable transmitter to control awnings, blinds, rolling shutters, lights and electrical loads, black	1	CE
AG4BR	Portable transmitter to control awnings, blinds, rolling shutters, lights and electrical loads, red	1	CE
AG4W	Portable transmitter to control awnings, blinds, rolling shutters, lights and electrical loads, white (with charger base)	1	CE
AG4B	Portable transmitter to control awnings, blinds, rolling shutters, lights and electrical loads, black (with charger base)	1	CE
AG4R	Portable transmitter to control awnings, blinds, rolling shutters, lights and electrical loads, red (with charger base)	1	CE



AG4BW

AG4BB

AG4BR

AG4W

AG4B

AG4R



USB input to charge mobile devices such as smartphones and tablets

TECHNICAL SPECIFICATION

Code	AG4BW, AG4BB, AG4BR	AG4W, AG4B, AG4R
Power supply	2x1.5 V AA alkaline batteries	2x1.2 V AA alkaline rechargeable batteries, including induction charger base
Battery lifetime	About 2 years	About 2 years, excluding consumption - built-in courtesy light
Frequency	433.92 Mhz ± 100 khz	
Number of channels	4	
Function keys	3	
Slider	Circular	
Courtesy light	-	1
Radiated power	Estimated about 1 mW	
Protection class (IP)	40	
Estimated range (m)	200 m in open space, 35 m indoors	
Coding	52 bit rolling code	
Operating temperature (°C Min/Max)	-20° - +55°	
Dimensions (mm)	88x97x26	
Weight (g)	140	150
Colours	White RAL 9016, black RAL 9005, red RAL 3002	
Finish	Glossy	

CHARGER BASE

Power supply	-	5 Volt (with 220 Vac - 5 Vdc 1.2 Amps power supply provided)
Protection class (IP)	-	40
Other functions	-	USB port for charging mobile devices up to 850 mA (smartphone, tablet)
Operating temperature (°C Min/Max)	-	-20° / +55°
Dimensions (mm)	-	88x97x26
Weight (g)	-	110 (Excluding power supply)
Colours	-	White RAL 9016, black RAL 9005, red ral 3002
Finish	-	Glossy



Portable transmitter

Table-top with charger base

Wall-mounted with charger base

Nice

Niceway

Modular control systems to manage automations



Ondo
Wall or table
shockproof holder



Opla
Wall plate



Go
The module holder
cover

Modular radio control system to manage the Nice range of automations singly or in groups from anywhere in the home.

Modular




The NiceWay system is based on a series of transmitter modules which can be inserted on five different types of support to create a diversified range of made-to-measure solutions. Available in 1 to 80 group or 240 channel versions, the modules are ultra-compact and very easy to operate.

Advanced and compatible

433.92 MHz frequency, with 52 bit rolling code (more than 4.5 million billion combinations); self-learning. Long autonomy (3V lithium battery).

Practical

To protect the electronic parts from dirt and damp, the rubber function keys are incorporated in the actual body of the control modules. NiceWay can be used anywhere in the home, in the garage, the living room, the kitchen or the bathroom.






Module	Code	Description	Pcs./pack.
STEP-BY-STEP CONTROL MODULES			
	WM001C	1 channel module to control 1 automation	10
	WM003C	3 channel module to control 3 automations	1
	WM009C	9 channel module to control 9 automations	1

Memorising of radio controls in Mode II ON/OFF - HOLD TO RUN - TIMER1 - TIMER2 (for products in the Screen line MODE II programming)



HYBRID MODULE FOR STEP-BY-STEP AND OPEN-STOP-CLOSE CONTROLS

	WM003C1G	Module to control 3 Step-by-Step automations and 1 Open-Stop-Close automation	1
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MODULES WITH OPEN-STOP-CLOSE CONTROL

	WM001G	Module to control 1 Open-Stop-Close automation in single or multigroup mode	1
	WM002G	Module to control 2 Open-Stop-Close automations in single or multigroup mode	1
	WM003G	Module to control 3 Open-Stop-Close automation groups in single or multigroup mode	1
	WM006G	Module to control 6 Open-Stop-Close automation groups in single or multigroup mode	1
	WM004G	Module to control 4 Open-Stop-Close automations in single or multigroup mode, plus ON/OFF control of sun sensor	1

MULTI-CHANNEL DISPLAY MODULES

	WM080G	Module for the Open-Stop-Close control of 80 automations in single or multigroup mode, plus sun sensor activation control	1
	WM240C	Module to control 240 Step-by-Step automations in single or multigroup mode	1

TECHNICAL SPECIFICATION

Power supply (Vdc)	3V with 1 CR2032 lithium battery
Battery lifetime	> 2 years with 10 transmissions per day
Frequency	433.92 MHz ± 100 KHz
Radiated power	Estimated about 1 mW
Protection class (IP)	40
Estimated range (m)	200 m in open space, 35 m indoors
Coding	52 bit rolling code
Operating temperature (°C Min/Max)	-20 - +55
Dimensions (mm)	41x41x10
Weight (g)	14

Opla

Wall supports



WSW, WRW **WSB, WRB** **WSA, WRA** **WSG, WRG** **WST, WRT** **WSS, WRS**

Code	Description	Pcs./pack.
WSW	Square wall plate, white	10
WSB	Square wall plate, black	10
WSA	Square wall plate, aluminium	10
WSG	Square wall plate, graphite	10
WST	Square wall plate, neutral transparent	10
WSS	Square wall plate, water green	10

Code	Description	Pcs./pack.
WRW	Rectangular wall plate, white	10
WRB	Rectangular wall plate, black	10
WRA	Rectangular wall plate, aluminium	10
WRG	Rectangular wall plate, graphite	10
WRT	Rectangular wall plate, neutral transparent	10
WRS	Rectangular wall plate, water green	10

Ondo

Portable, wall-mounted and stand-on supports



WAX **WWW**

Code	Description	Pcs./pack.
WAX	Table-top support in white plastic and blue ice rubber	10
WWW	Magnetic wall fixing for wax	10

Go

Mini cover



WCF **WCG** **WCI** **WCO**

Code	Description	Pcs./pack.
WCF	Mini cover, fern green	10
WCG	Mini cover, graphite	10
WCI	Mini cover, ice blue	10
WCO	Mini cover, orange	10

Air

The touchless automation control solution



Wall-mounted touchless radio transmitter for controlling one automation or group of automations.

Versatile

With its elegant essential design, Air is the perfect solution in all contexts where you need to wear gloves or cannot use your hands, for example in medical or sterile environments, restaurant and hotel kitchens, or other commercial contexts. The ideal solution for everyone wishing to add a touch of elegance and a contemporary feel to their home or office.

Advanced and exclusive

Air makes interaction with the automation system very simple indeed: **all it takes is a simple movement of the hand, without touching the device.** The transmitter confirms recognition of the hand movement via a flashing LED signal, transforming the command into movement.

Easy to install

Being a radio-controlled, battery-powered device, Air can be **conveniently mounted anywhere on the wall, without requiring any building work. No wiring.**

Energy efficiency

Air is fitted with a sensor that detects when a hand is nearby: the LED only comes on when a person's presence is detected, thus reducing battery consumption.

Extended operating autonomy

Power supply by two AAAA 1.5 Vdc batteries, for an estimated life of around two years with average 10 transmissions per day.

Gesture control



ON/OPEN



OFF/CLOSE



STOP



Homes and offices

Extremely simple automation control.



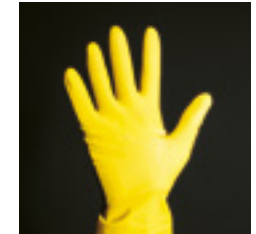
Medical

The ideal solution for sterile environments.



Industrial

Easy control even in the most critical situations.



Food

Practicality and convenience even in situations where the maximum levels of hygiene are required.

Code	Description	Pcs./pack.
AIR 1RW	Rectangular wall-mounted touchless radio transmitter for controlling one automation or group of automations	1

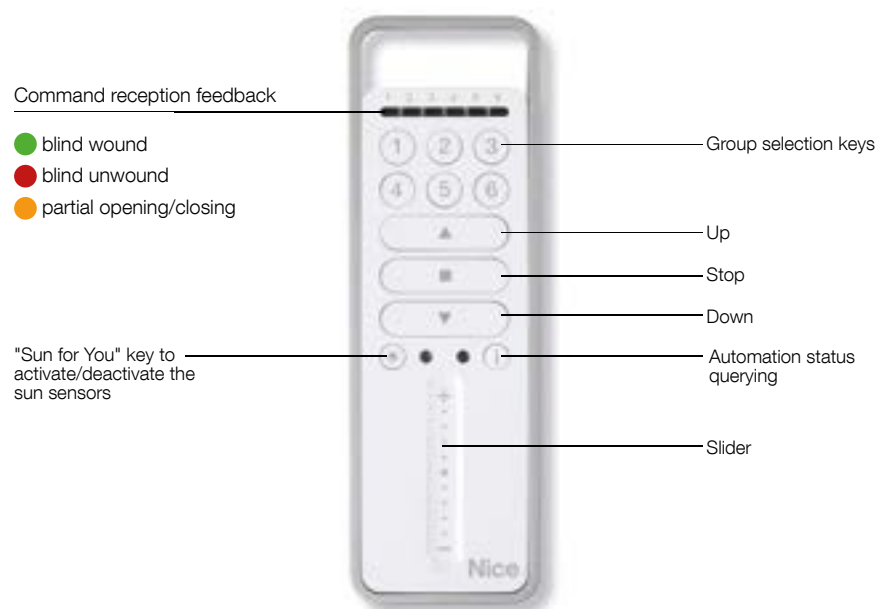
TECHNICAL SPECIFICATION

Code	AIR 1RW
Power supply (Vdc)	Alkaline batteries - 2 x AAAA x1.5 V
Battery lifetime	About 2 years with 10 transmissions per day
Frequency	433.92 MHz ± 100 KHz
Protection class (IP)	40 (Use in the home or in protected environments)
Average range (m)	Estimated average range 200 in open space, 35 indoors
Radio coding	Rolling code (0-code)
Operating temperature (°C Min/Max)	-5 - +55
Dimensions (mm)	80x125x12.5
Weight (g)	100



Era P BD Series

Portable bidirectional transmitter to control awnings, blinds, rolling shutters and lights



One and 6 channel versions, to manage up to 6 groups of automations in single, group or multigroup mode, including with separate activation of climatic sensors.

Instantaneous commands: the new bidirectional radio protocol is about 30 times faster than the previous radio protocols. Automation control has never been faster!

User friendly with ergonomic design.

Just a click for the right light at all times: the **Sun for You** control key, with LED display, enables and disables reception of the automatic commands transmitted by the system's climatic sensors.

The Era P Vario version has a slider to control the manoeuvring speed of the Era Inn Edge motors and for the Go to Position function.

Easy programming

The same transmitter can be programmed in a number of blinds or shutters to create groups. The Memo Group function enables the last multigroup to be recalled. New **transmitters can be duplicated remotely and automatically** just by placing the new transmitter next to the one already programmed and pressing a key.

Extended autonomy (two AAA 1.5 V alkaline batteries).

Long range thanks to the Nice mesh network technology, the automations can repeat the command to reach even the most distant device (up to 500 m).

Comfort

Thanks to the presence of a slider, a simple touch is all it takes to easily bring the blind or rolling shutter to the position corresponding to the pressure point, from 0 to 100% of the travel (Go To Position function).



Easy and automatic duplication by simply placing the two transmitters near each other.

Intuitive programming procedure using the keys on the back of the transmitter.

Handy wall support as standard.



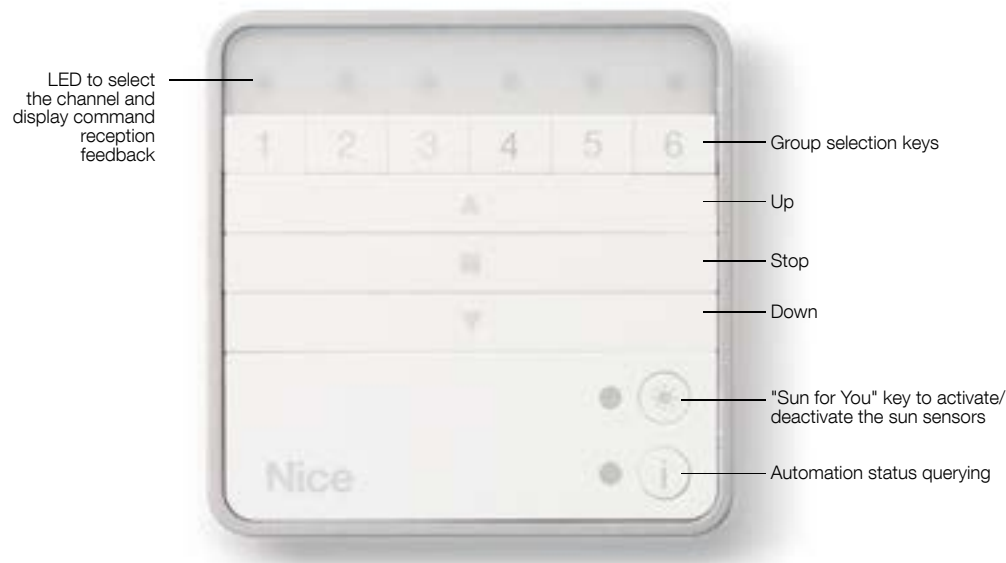
Code	Description	Pcs./pack
P1SBD	Portable bidirectional transmitter to control one automation or automation group, with sun on/off key and key to verify automation status	1
P6SBD	Portable bidirectional transmitter to control six automations or automation groups for activation in single or multigroup mode, with sun on/off key and key to verify automation status	1
P6SVBD	Portable bidirectional transmitter to control 6 automations or automation groups for activation in single or multigroup mode, with slider, key for sun on/off and key to verify automation status	1

TECHNICAL SPECIFICATION

Code	P1SBD, P6SBD, P6SVBD
Power supply (Vdc)	Alkaline batteries - 2 x AAA x1.5V
Battery lifetime	About 2 years with 10 transmissions per day
Frequency	433.92 MHz ± 100 KHz
Protection class (IP)	40 (Use in the home or in protected environments)
Average range (m)	500 m (max. Mesh network); 35 m (if inside a building)
Radio coding	Rolling code (o-code)
Operating temperature (°C Min/Max)	-5 - +55
Dimensions (mm)	49x150x14
Weight (g)	85

Era W BD Series

Wall-mounted bidirectional transmitters to control awnings, blinds and rolling shutters



Transmitter available in one and 6 channel versions to control up to 6 groups of automations in single, group, or multigroup mode, including with separate climatic sensor activation.

Simple management of groups: a single transmitter can be memorised in a number of blinds to create groups.

Instantaneous commands: the new bidirectional radio protocol is about 30 times faster than the previous radio protocols. Automation control has never been so fast!

The MemoGroup function saves the last automation or automation group controlled. In this mode, when a control key (up, stop, down) is selected, the group is recalled without having to select it again.

Easy programming

For Nice tubular motors with built-in radio receiver, an even simpler alternative programming procedure can be used, thanks to the two keys on the back of the transmitter in the battery compartment.

Rapid installation and maintenance

New transmitters can be duplicated remotely and automatically just by placing the new transmitter next to the one already programmed and pressing a key.

Convenience

Powered by 2 AAA 1.5 VDC batteries commonly available on the market.

Sun sensor control

The "Sun for You" function enables communication with the system's sun sensors (Nemo WSCT, Nemo SCT, Volo-S) to be activated and deactivated. Thanks to the two LED indicators corresponding to the "Sun for You" key, the status (on/off) of the sun sensors for the selected group/automation can be easily verified.



Easy duplication, just place the two transmitters near each other and press a key



Intuitive programming procedure using the keys on the back of the transmitter



Fully concealed wall support included in pack



W1SBD



W6SBD

Code	Description	Pcs./pack
W1SBD	Wall-mounted bidirectional transmitter to control one automation or automation group, with sun On/Off key and key to verify automation status	1
W6SBD	Wall-mounted bidirectional transmitter to control 6 automations or automation groups for activation in single or multigroup mode, with sun On/Off key and key to verify automation status	1

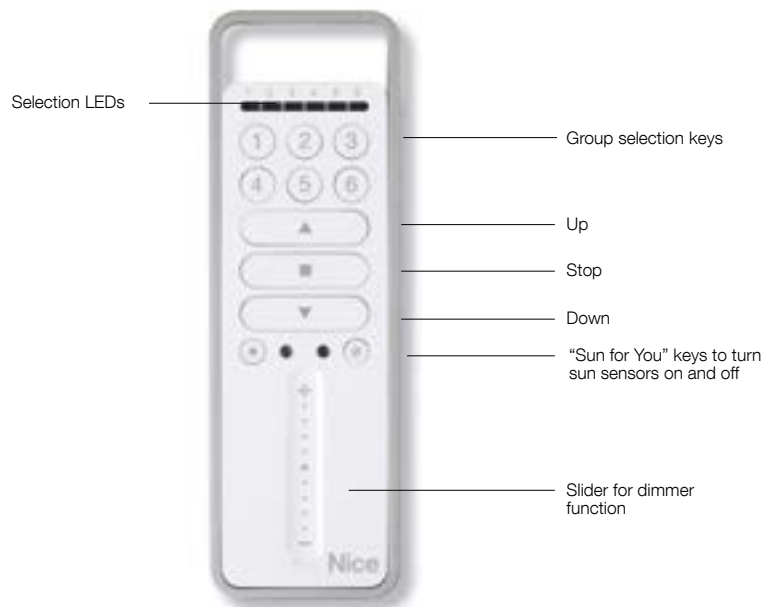
TECHNICAL SPECIFICATION

Code	W1SBD, W6SBD
Power supply (VDC)	2 AAA 1.5 VDC alkaline batteries
Battery lifetime	Estimated 2 years with 10 transmissions per day
Frequency	433.92 MHz (±100 kHz)
Protection class (IP)	40 (use in the home or in protected environments)
Average range	500 m (max. Mesh network); 35 m (if inside a building)
Radio coding	Rolling code
Operating temperature (°C Min/Max)	-5°; +55°
Dimensions (mm)	80x80x15
Weight (g)	70

Nice

Era P Series

Portable, to control awnings, blinds, rolling shutters and lights



Portable radio transmitters to control awnings, blinds, rolling shutters and lights with ON/OFF function and slider dimmer.

1, 6 and 18 channel versions, to manage up to 18 groups in single, group or multigroup mode, including with separate activation of climatic sensors.

433.92 MHz, rolling code with self-learning.

User friendly with ergonomic design.

Just a click for the right light at all times: the **Sun for You** control keys, with LED display, enable and disable reception of the automatic commands transmitted by the climatic sensors in the installation.

The Era P Vario version features a slider for analogue control of the dimmer function, adjusting the luminosity of the lights and speed of the Era Inn Edge motors.

Easy programming

The same transmitter can be programmed in a number of awnings or shutters to create groups. The Memo Group function enables the last multigroup to be recalled. New **transmitters can be duplicated remotely and automatically** just by placing the new transmitter next to the one already programmed and pressing a key.

Extended autonomy

(two AAA 1.5 V alkaline batteries).

Long range 200 m in open space, 35 m indoors.

Comfort

Thanks to the presence of a slider, a simple touch is all it takes to easily adjust the slant of Venetian blinds ("Tilting" function) or bring sun awnings and rolling shutters to the position corresponding to the pressure point, from 0 to 100% of the travel ("Go To Position" function).





P1 **P1S** **P6** **P6S** **P18** **P1V** **P6SV**

Code	Description	Pcs./pack.
P1	Portable transmitter to control 1 electrical load system or automation group	1
P1S	Portable transmitter to control 1 electrical load system or automation group, with sun on/off keys	1
P6	Portable transmitter to control 6 electrical load systems or automation groups for activation in single or multigroup mode	1
P6S	Portable transmitter to control 6 electrical load systems or automation groups for activation in single or multigroup mode, with sun ON/OFF keys	1
P18	Portable transmitter to control 18 electrical load systems or automation groups for activation in single or multigroup mode	1
P1V	Portable transmitter to control 1 electrical load system with slider dimmer or 1 automation group	1
P6SV	Portable transmitter to control 6 systems of electrical loads or automation groups for activation in single or multigroup mode, with slider dimmer and sun on/off keys	1

TECHNICAL SPECIFICATION

Code	P1, P1S, P6, P6S, P18, P1V, P6SV
Power supply (Vdc)	Alkaline batteries - 2 x AAA x1.5 V
Battery lifetime	About 2 years with 10 transmissions per day
Frequency	433.92 MHz ± 100 KHz
Protection class (IP)	40 (Use in the home or in protected environments)
Average range (m)	Estimated average range 200 in open space, 35 indoors
Radio coding	Rolling code (o-code)
Operating temperature (°C Min/Max)	-5 - +55
Dimensions (mm)	49x150x14
Weight (g)	85



Easy and automatic duplication by simply placing the two transmitters near each other.



Intuitive programming procedure using the keys on the back of the transmitter.



Handy wall support as standard.

Era W Series

Wall-mounted, to control awnings, blinds and rolling shutters



Wall-mounted radio transmitters to control awnings, blinds and rolling shutters.

Available in 1 and 6 channel versions to control up to 6 automation groups in single, group, or multigroup mode, including with separate climate sensor activation.

433.92 MHz, rolling code with self-learning.

Simple management of groups: a single transmitter can be memorised in a number of awnings, vertical awnings or rolling shutters to create groups.

The MemoGroup function saves the last automation or automation group controlled. In this mode, when a control key (up, stop, down) is selected, the group is recalled without having to select it again.

Easy programming

For Nice tubular motors with built-in radio receiver, an even simpler alternative programming procedure can be used, thanks to the 2 keys on the back of the transmitter in the battery compartment.

Rapid installation and maintenance

New transmitters can be duplicated remotely and automatically just by placing the new transmitter next to the one already programmed and pressing a key.

Convenience

Powered by 2 AAA 1.5 Vdc batteries commonly available on the market.

Sun sensor control

In W1S and W6S versions, thanks to the "Sun for You" function, managed through the Sun On and Sun Off keys, communication with the sun sensors present in the installation (Nemo WSCT, Nemo SCT, Volo-S) can be turned on and off. Thanks to the two LED indicators corresponding to the "Sun for You" keys, the status (on/off) of the sun sensors for the selected group/automation can be easily ascertained.



Easy duplication, just place the two transmitters near each other and press a key

Intuitive programming procedure using the keys on the back of the transmitter

Fully concealed wall support included in pack



Code	Description	Pcs./pack.
W1	Wall-mounted transmitter to control 1 electrical load system or automation group	1
W1S	Wall-mounted transmitter to control 1 electrical load system or automation group, with sun on/off keys	1
W6	Wall-mounted transmitter to control 6 electrical load systems or automation groups for activation in single or multigroup mode	1
W6S	Wall-mounted transmitter to control 6 electrical load systems or automation groups for activation in single or multigroup mode, with sun on/off keys	1

TECHNICAL SPECIFICATION

Code	W1, W1S, W6, W6S
Power supply (Vdc)	2 AAA 1.5 Vdc alkaline batteries
Battery lifetime	Estimated 2 years with 10 transmissions per day
Frequency	433.92 MHz (±100 kHz)
Protection class (IP)	40 (use in the home or in protected environments)
Average range	Estimated 200 m in open space, 35 m indoors
Radio coding	Rolling code
Operating temperature (°C Min/Max)	-5°; +55°
Dimensions (mm)	80x80x15
Weight (g)	70



Era Miniway

Miniaturised, to manage awnings, blinds and rolling shutters



Miniaturised radio transmitters, for the intuitive management of awnings, blinds and rolling shutters.

1, 2 and 3 channels to control automations in Open-Stop-Close mode.

433.92 MHz, rolling code with self-learning.

Immediate and easy to use thanks to direct control of the group with specific keys.

Long range 200 m in open space, 35 m indoors.



Possibility of wall mounting using the specific support.



Long autonomy (3V lithium battery).



MW1

MW2

MW3

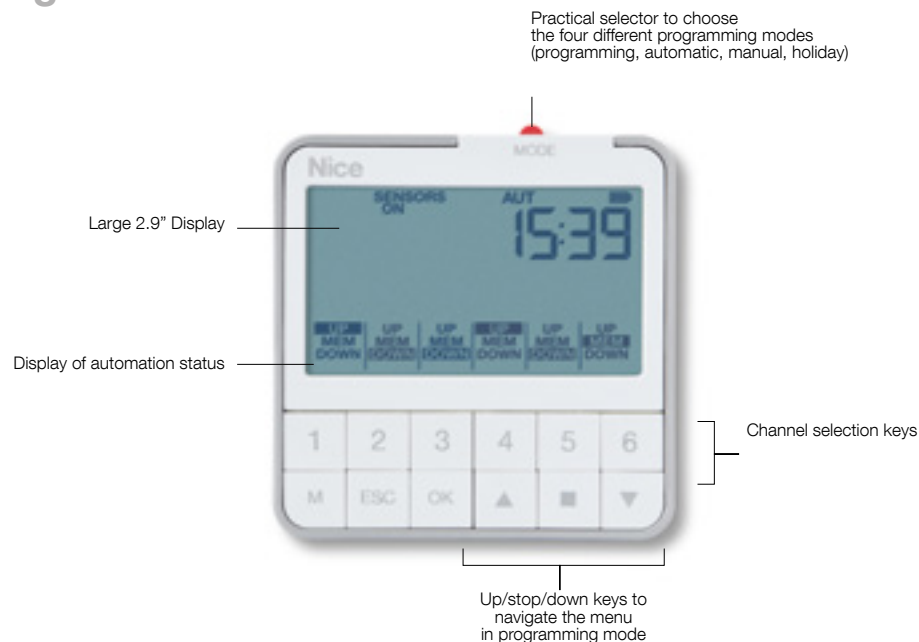
Code	Description	Pcs./pack.
MW1	Portable transmitter, activates 1 Open-Stop-Close automation in single or multigroup mode	1
MW2	Portable transmitter, activates 2 Open-Stop-Close automations in single or multigroup mode	1
MW3	Portable transmitter, activates 3 Open-Stop-Close automations in single or multigroup mode	1

TECHNICAL SPECIFICATION

Code	MW1, MW2, MW3
Power supply (Vdc)	CR2032 3 Vdc lithium battery
Battery lifetime	Estimated 2 years with 10 transmissions per day
Frequency	433.92 MHz ± 100 KHz
Antenna impedance	Estimated about 1 mW e.r.p.
Protection class (IP)	40 (use at home or in protected environments)
Average range (m)	Estimated 200 m; 35 m (indoors)
Coding	Rolling code 52 bit FLOR
Operating temperature (°C Min/Max)	- 20 - + 55
Dimensions (mm)	43x80x11
Weight (g)	16

Era Krono

The versatile easy-to-use programmable timer



Wall-mounted radio or wired weekly programmable timer. Can manage up to 6 independent channels and memorise a maximum of 30 events.

Intuitive programming

Easy configuration of device parameters and event programming thanks to the intuitive navigation menu, practical selection keys and large display.

Easy to use

The selector on top of the programmer allows the user to switch easily and quickly from one operating mode to another. The user can view all parameters (date, time, movement, status and functions) in the graphic LCD display at any moment.

Safe

A PIN to access "Programming" mode can be entered to avoid accidental modification of the parameters set. When the transmitter is in "Manual" mode, the keypad can also be locked to prevent unauthorised people from using the device.

Maximum customisation

The individual event parameters can be modified without having to cancel and recreate them. Events can be easily duplicated, making it quicker to create new scenarios differing in just a few variables. The user can temporarily disable unwanted events, then enable them later.

Long range

200 m in open space, 25 m indoors.

Ergonomic design, ultra-thin and easy to install

Simple wall fixing with practical concealed support. Standard dimensions with respect to common two-module wall supports.

Practicality and comfort at your fingertips

3 DIFFERENT MODES

"Automatic": runs the programmed events automatically at the set times;

"Manual": Era Krono can be used as a transmitter to send up, stop and down commands;

"Holiday" runs the programmed events at random to simulate a presence in the home when the occupants are absent to dissuade intrusion attempts.

HIGHLY CUSTOMISABLE

Planetary time

Automatically follows variations in sunrise and sunset, simply by selecting the name of the nearest city. You can wake up with the right light, lower the rolling shutters or raise the awnings at sunset throughout the year, without having to reprogramme the event.

Memo Group

Lets you simultaneously or independently manage up to 6 automation groups, with the possibility of associating particular functions to certain motors. For example, you can activate the "planetary clock" function for the rolling shutters in the sleeping area only and the "holiday" function for windows facing the street.

Climatic sensors On/Off

Enables or disables the climatic sensors, allowing you to choose which of the automations connected to the sensors should react to changes in the weather.



Krono 1WW



Krono 6WW



Krono 1WC

Code	Description	Pcs./pack
KRONO 1WW	Wall-mounted radio programmable timer, with lcd graphic display. Battery-powered, manages 1 channel via radio	1
KRONO 6WW	Wall-mounted radio programmable timer, with lcd graphic display. Battery-powered, manages up to 6 channels via radio	1
KRONO 1WC	Wall-mounted programmable timer, with lcd graphic display. Mains powered, manages 1 group of motors by wire	1

TECHNICAL SPECIFICATIONS

Code	KRONO 1WW	KRONO 6WW	KRONO 1WC
Power Supply (Battery Lifetime)	3 V With 1 Cr2450 Lithium Battery (2 Years With 10 Events/Day)		120/230 Vac (50/60 Hz)
Frequency	433.92 Mhz ± 100 Khz		-
Radiated Power	Estimated <1 mW		-
Ingress Protection (Ip)	40		
Estimated Range (M)	200 M In Open Space, 25 M Indoors		-
Coding	66 Bit, 4.5 Million Billion Combinations		-
Clock Resolution	1 Minute		
Clock Precision	± 150 Seconds/Year		
No. Events Memorisable	30		
Dimensions (Mm)	80X80x20 H		80x80x50 h
Weight (G)	85		95

Niceway Sensor

Sun, temperature and internal luminosity sensor



Radio-controlled sun, temperature and internal luminosity sensor.

Savings and respect for the environment

The NiceWay Sensor improves the thermal efficiency of the house, mitigating the effects of sunlight in hot climates and taking maximum advantage of it in cold climates, thus saving energy and reducing pollutant emissions.

The sensor **measures luminosity**, ignoring peak values caused for example by people's shadows or rapidly moving clouds.

The **NiceWay Sensor can control the opening of rolling shutters and sun awnings to maintain the levels of ambient light and temperature within the desired limits.** It automatically sends closure commands if the light is too strong or opening commands if the light is too weak.

Two versions, compatible with all Nice motors WMS01S, with "Sun" + "Ambient Light" sensor WMS01ST with "Sun" + "Ambient Light" + "Temperature" sensor.

Versatile

The sensor can be installed on the window using the transparent support provided, or anywhere in the room using the NiceWay supports.

Ultra-simple to programme and use

thanks to the 128x49 px, graphic display with intuitive icon menu. Choice of 5 selectable languages and simple display of measured and set values.

Operating modes

Window-mounting: the sensor measures light through the rear detector, which is oriented towards the outside, automatically controlling the opening/closing, or just the closing, movements of the screening device.

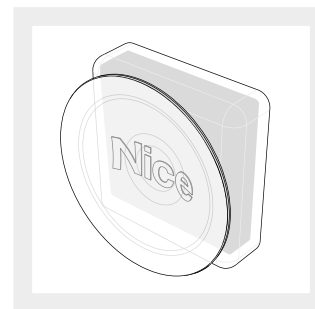
Wall-mounted or stand-on installation

When positioned inside a room, the sensor detects luminosity from the front, including possible artificial light: When the light reaches or leaves the area of the room where the sensor is installed, this sends commands to the automation.

"Demo" mode:

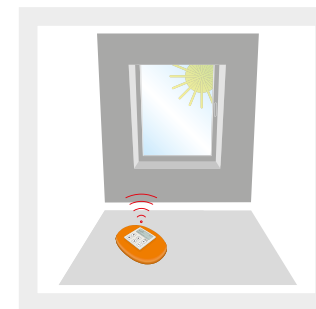
facilitates configuration and testing by converting the reaction time from the normal default setting of minutes into seconds to obtain an immediate response from the NiceWay Sensor.

Stand-by mode and manual control with immediate adaptation of the sensor's operation. Twilight switch function (WMS01ST).



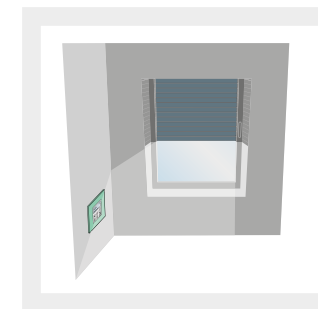
Mounting on glass

Transparent suction support as standard to apply to window glass



Stand-on mounting

Can be inserted in all NiceWay line supports (table-top, wall-mounted) to regulate luminosity in specific zones in the rooms



Wall-mounting

Code	Description	Pcs./pack.	Certificates
WMS01S	Sun-Ambient sensor. Suction support supplied	1	CE
WMS01ST	Sun-Ambient-Temperature sensor. Suction support supplied	1	CE

TECHNICAL SPECIFICATION

Code	WMS01S	WMS01ST
Power supply (Vdc)	3V with 1 CR2032 lithium battery	
Battery lifetime	> 1 year with 2 activations and 10 commands per day	
Graphic display	128x49 pixel	
Frequency	433.92 MHz ± 100 KHz	
Coding	52 bit rolling code	
Radiated power	Estimated about 1 mW	
Average range	Estimated 200 m in open space, 35 m indoors	

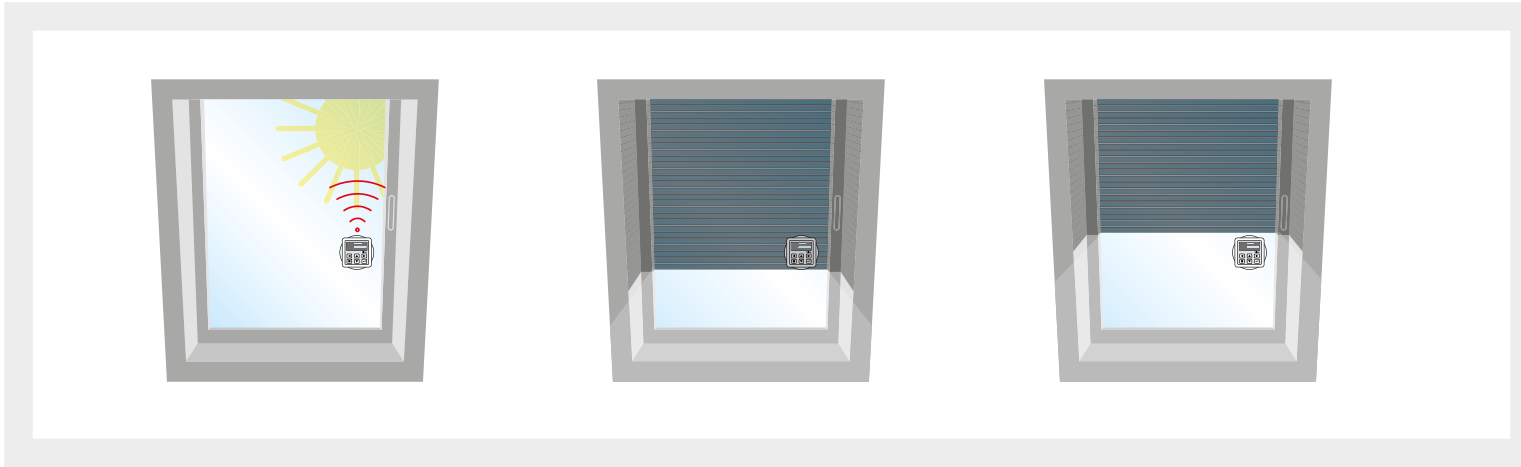
LIGHT SENSOR SPECIFICATIONS

Measurement range (klux)	0.05 - 50	
Threshold setting (klux)	1 - 40	

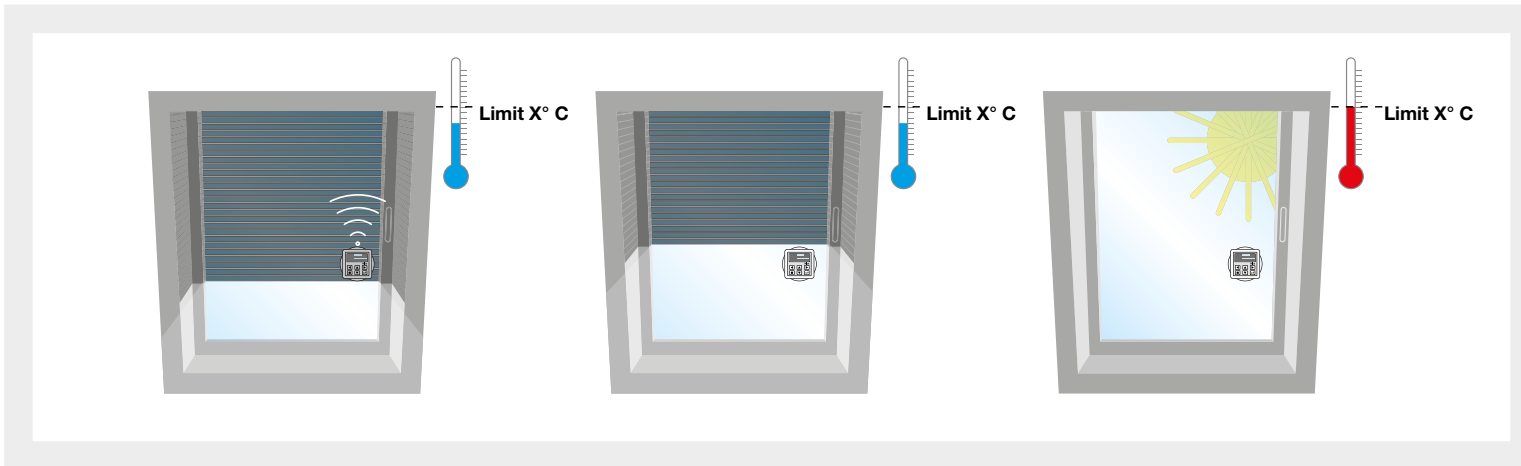
TEMPERATURE SENSOR SPECIFICATIONS

Measurement range (°C)	-	-10 - +50
Threshold setting (°C)	-	0 - +40
Protection class (IP)	40	
Operating temperature (°C Min/Max)	-20 - +55	
Dimensions (mm)	41x41x12	
Weight (g)	18	

LIGHT SENSOR VERSION



LIGHT + TEMPERATURE SENSOR VERSION



The suction support enables the sensor to be attached to the window pane at a specific height. The sensor detects the level of internal luminosity, compares it with the set luminosity value and automatically adjusts opening or closing of blinds, awnings and rolling shutters. For instance, when the luminosity exceeds the maximum set threshold, the sensor lowers the automations (awnings, blinds or rolling shutters) until the sensor is shaded. Once the sensor is shaded, the rolling shutter rises until the sensor is in the light again, enabling it to keep monitoring the luminosity level.

The indoor temperature can be set, exploiting the luminosity and heating effect of the sun. For example, in winter mode, if the temperature drops below the set level and there is sun outside, the sensor automatically raises the rolling shutters or awnings to allow light to enter and radiate the room and vice versa.

Nemo WSCT / SCT

Wind-Sun sensor, with photovoltaic cells



Radio-controlled Wind-Sun and Sun sensor, powered by built-in photovoltaic cells.

Available in two versions

- with "Wind-Sun" sensor;
- with "Sun" sensor.

No connection

The sensor is powered by sunlight and communicates via radio with the control unit which controls movement of the shutters according to the pulses received.

Energy saving, thanks to the free and clean solar energy.

Unlimited autonomy

The sensor is powered by photovoltaic cells, providing a reserve of energy and guaranteeing optimum safe management of the automation according to the weather conditions detected.

Immediately ready for use

No advance charging required.

Programming in linear mode : trimmer adjustment of activation thresholds: "Wind" up to 80 km/h and "Sun" up to 60 klux.

Simple memorisation of settings in the control unit by means of the practical built-in pushbutton. When the trimmers are set to the test threshold, operation of the Sun-Wind sensors can be verified without the need to simulate the presence of atmospheric events.

Optimised sensitivity to vertical air currents.

Control and indicator system

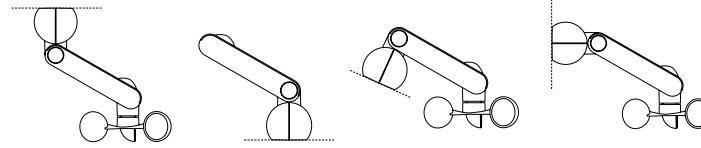
A two-colour LED (green and red; lit, off or flashing) provides information on sensor status (set threshold exceeded, malfunctions etc.).

Nemo is compatible with

- Nice tubular motors with built-in receiver;
- control units with built-in receiver.

ADJUSTABLE

Nemo can be installed on surfaces sloping at different angles



Code	Description
NEMO WSCT	Radio-controlled Wind-Sun sensor, powered by built-in photovoltaic cells
NEMO SCT	Radio-controlled Sun sensor, powered by built-in photovoltaic cells

N.B. Nemo may not be compatible with motors produced before June 2004

TECHNICAL SPECIFICATION

Code	NEMO WSCT	NEMO SCT
Powered by built-in photovoltaic cells (mWp)	64	
Powered by mains electricity (Vac 50/60 Hz)	-	
Transmission frequency (MHz)	433.92 with built-in antenna	
Radio coding	TTS (compatible with Era P, NiceWay transmitters)	
Radiated power (mW)	about 1	
Range	100 m in open space; 20 m indoors	
Protection class (IP)	44	
Operating temperature (°C min/max)	-20 - +55	
Dimensions (mm)	60x229x151 h	60x288x105 h
Weight (g)	250	230

TECHNICAL SPECIFICATIONS

Code	NEMO WSCT	NEMO SCT
WIND SENSOR		
Measurement range (km/h)	0 - 125	-
Resolution (km/h)	1	-
Threshold setting (km/h)	5 - 80	-
Pre-alarm	After 24 hours without wind	-
SUN SENSOR		
Measurement range (klux)	3 - 80	-
Resolution(klux)	1	-
Threshold setting (klux)	5 - 60	-
Pre-alarm	After 24 hours without variations in the light	
RAIN SENSOR		
Measurement range	-	-
Pre-alarm	-	-

Nemo WSRT / SRT

Wind-Sun-Rain sensor



Radio-controlled Wind-Sun-Rain and Sun-Rain sensor, powered by mains electricity.

Available in two versions

- with "Wind-Sun-Rain" sensor;
- with "Sun-Rain" sensor.

Extended duration thanks to the latest generation built-in sensor, in Teflon-coated ceramic to ensure exceptional resistance to atmospheric agents.

Practical

Thanks to the **automatic calibration**, the sensor adapts to the various ambient conditions.

Safe and reliable

The built-in heating element avoids misinterpretations of weather conditions caused by the build-up of humidity.

The sensor is powered by mains electricity

and communicates via radio with the control unit which controls movement of the shutters according to the pulses received.

Simple installation and wiring thanks to the terminal board integrated in the fixing base and the quick connector.

Programming in linear mode: trimmer adjustment of activation thresholds: "Wind" up to 80 km/h and "Sun" up to 60 klux.

The rain sensor requires no adjustment (on-off).

Simple memorisation of settings by means of the practical built-in pushbutton. When the trimmers are set to the test threshold, operation of the Sun-Wind sensors can be verified without the need to simulate the presence of atmospheric events.

Optimised sensitivity to vertical air currents.

Control and indicator system

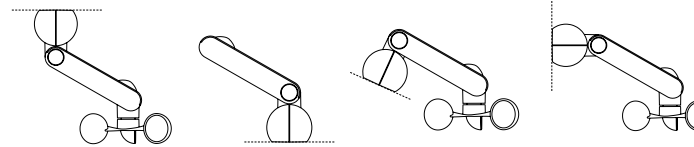
A two-colour LED (green and red; lit, off or flashing) provides information on sensor status (set threshold exceeded, malfunctions etc.).

Nemo is compatible with

- Nice tubular motors with built-in receiver;
- control units with built-in receiver.

ADJUSTABLE

Nemo can be installed on surfaces sloping at different angles



Code	Description
NEMO WSRT	Radio-controlled Wind-Sun-Rain sensor, powered by mains electricity
NEMO SRT	Radio-controlled Sun-Rain sensor, powered by mains electricity

N.B. Nemo may not be compatible with motors produced before June 2004

TECHNICAL SPECIFICATION

Code	NEMO WSRT	NEMO SRT
Powered by built-in photovoltaic cells (mWp)	-	
Powered by mains electricity (Vac 50/60 Hz)	120/230	
Transmission frequency (MHz)	433.92 with built-in antenna	
Radio coding	TTS (compatible with Era P, NiceWay transmitters)	
Radiated power (mW)	about 1	
Range	100 m in open space; 20 m indoors	
Protection class (IP)	44	
Operating temperature (°C min/max)	-20 - +55	
Dimensions (mm)	60x229x151 h	60x288x105 h
Weight (g)	400	380

TECHNICAL SPECIFICATIONS

Code	NEMO WSRT	NEMO SRT
WIND SENSOR		
Measurement range (km/h)	0 - 125	-
Resolution (km/h)	1	-
Threshold setting (km/h)	5 - 80	-
Pre-alarm	After 24 hours without wind	-
SUN SENSOR		
Measurement range (klux)	3 - 80	-
Resolution(klux)	1	-
Threshold setting (klux)	5 - 60	-
Pre-alarm	After 24 hours without variations in the light	
RAIN SENSOR		
Measurement range	On-Off	
Pre-alarm	After 30 days without rain	

Volo / Volo S / ST

Wind and Wind-Sun sensors



Wind (Volo) and Wind-Sun (Volo S) sensors, via Nice TTBUS.

Each sensor can control up to 5 control units or motors with on-board control unit connected in parallel.

Practical

Adjustable support for fixing to surfaces with any slope.

Advanced

"Wind" threshold programmable on 3 levels: 15, 30 or 45 Km/h; "Sun" threshold on 3 levels: 15, 30 or 45 KLux, plus a fourth level settable in self-learning.

Wind-Sun sensor (Volo ST) via Nice TTBUS with trimmer adjustment of activation thresholds.

Programming in linear mode

Adjustment of activation thresholds: "Wind" up to 60 km/h and "Sun" up to 60 KLux. Each sensor can control up to 5 control units or motors with on-board control unit connected in parallel, synchronising opening or closing.

Control and indicator system:

A two-colour LED (green and red; lit, off or flashing) provides information on sensor status (set threshold exceeded, malfunctions etc.).

The "Sun" sensor can be disabled by a switch.

Code	Description	Pcs./pack.
VOLO	Wind sensor via TTBUS interfaceable with TTPRO programmer. "Wind" threshold programmable on 3 preset levels	1
VOLO S	Wind-Sun sensor via TTBUS, interfaceable with TTPRO programmer. "Wind" threshold programmable on 3 preset levels, "Sun" threshold programmable on 3 preset levels plus one settable in self-learning	1
VOLO ST	Wind-Sun sensor with trimmer adjustment of "Wind" and "Sun" thresholds via TTBUS	1

TECHNICAL SPECIFICATION

Code	VOLO	VOLO S	VOLO ST
Power supply (Vac/Hz)	Via TTBUS		
Protection class (IP)	44		
Levels Wind sensor (Km/h)	15, 30, 45		from 5 to 80
Levels Sun sensor (KLux)	-	15, 30, 45 + self-learning	from 0 to 64
Operating temperature (°C Min/Max)	-20 - +55		
Dimensions (mm)	120x215x85		
Weight (g)	180	200	250

Volo S-Radio

Wind-Sun sensor



**Radio-controlled Wind-Sun sensor.
Simple and quick to install:
just connect to a 230 Vac line
and fix with two screws;
no other connections required.**

433.92 MHz frequency, with rolling code (more than 4.5 million billion combinations); self-learning.

Range: 200 m in open space.

Easy memorising

Programmable like any transmitter by means of a single key. The procedure is guided by acoustic signals. During operation, the sensor indicates the type of transmission: for each event, the anemometer provides information by LED.

Practical

Adjustable support for fixing to surfaces with any slope. High sensitivity to the wind, with spherical movements.

Advanced

"Wind" threshold programmable on 3 levels: 5, 10, 15, 30 or 45 Km/h; "Sun" threshold on 5 levels: 2, 5, 10, 20 or 40 KLu, plus a fourth level settable in self-learning. Programmable exclusion of Sun sensor.

Volo S-Radio is compatible with:

- Nice tubular motors with control unit and built-in receiver;
- control units with built-in receiver.

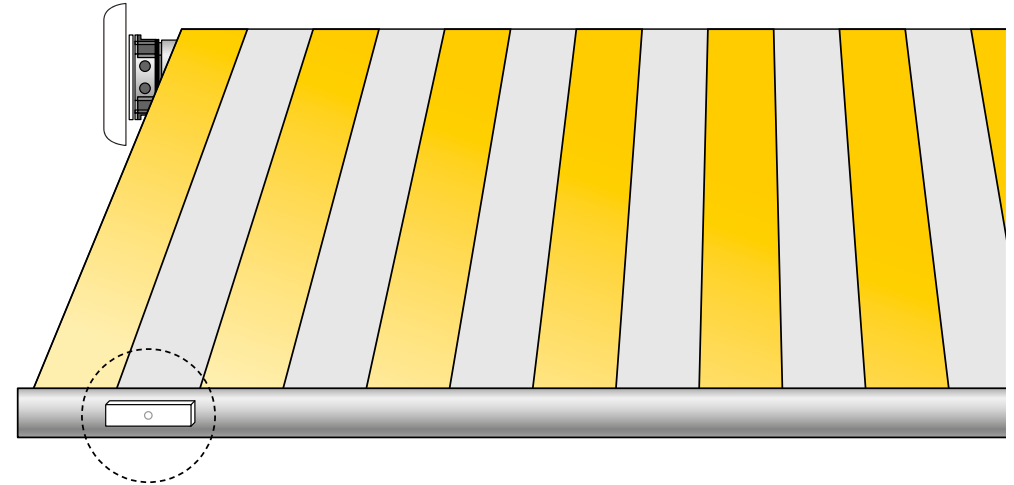
Code	Description	Pcs./pack.
VOLO S-RADIO	Radio-controlled Wind-Sun sensor interfaceable with TTPRO programmer. "Wind" threshold programmable on 5 preset levels. "Sun" threshold programmable on 5 preset levels plus one settable in self-learning	1

TECHNICAL SPECIFICATION

Code	VOLO S-RADIO
Power supply (Vac/Hz)	230 / 50-60
Transmission frequency (MHz)	433.92
Protection class (IP)	44
Levels Wind sensor (Km/h)	5, 10, 15, 30, 45
Levels Sun sensor (KLux)	2, 5, 10, 20, 40 + self-learning
Operating temperature (°C Min. Max.)	-20 - +55
Dimensions (mm)	120x215x85
Weight (g)	250

Nemo Vibe

Wind sensor for arm awnings



Recommended position for optimum operation.
Practical inconspicuous application.

Radio-controlled Wind sensor for arm awnings, with built-in radio transmitter.

Convenient and safe

The radio-controlled wireless sensor provides real time detection of the vibrations generated in the awning by the wind. If the value exceeds the activation threshold set, the sensor transmits a radio signal to the motor receiver which retracts the awning and protects it.

Versatile, for all types of arm awnings and different environmental conditions, thanks to the possibility of adjusting wind sensitivity intuitively via trimmer.

Simple, quick and inconspicuous installation

Nemo Vibe is applied with just two screws on the terminal bar of the awning. No visual impact, no wires or other devices visible on the wall.

No connection, the sensor is battery powered (AA).

Code	Description	Pcs./pack.
NEMOVIBE	Radio-controlled wind sensor, battery-powered	1

TECHNICAL SPECIFICATION

	NEMOVIBE
Code	NEMOVIBE
Power supply	2 AA LR03 batteries
Battery lifetime	About 2 years
Frequency	433.92 MHz (±100 kHz)
Operating temperature (°C Min/Max)	-20 - +60
Range	Estimated 200 m (outdoors)
Protection class (IP)	44
Dimensions (mm)	130x36x22.5 h
Weight (g)	170



Tag system

The ideal solution for refurbishment projects

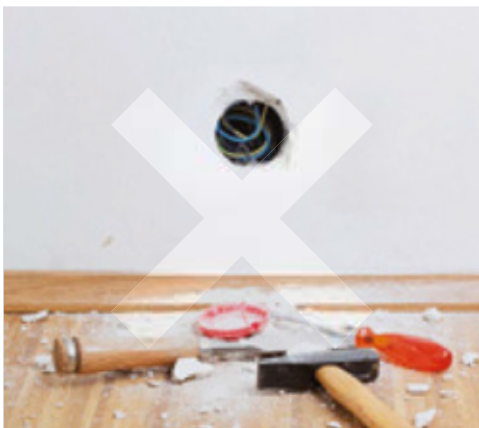


Nice Tag system, the simpler solution: miniaturised control units and universal concealed transmitters for practical radio management of rolling shutters, awnings, blinds, lighting and electrical loads up to 500 W not reachable directly by cable.

Ideal for renovations and upgrades to existing systems, the units can be installed inside commonly available wall plates and in tight spaces.

No need to replace the existing automation installation or to carry out building work.

SYSTEM ADVANTAGES:

**Easy to install and programme**

No building work, no wired connections and no need to plan the electronic wiring.

Intuitive programming using the programming button and LED on the miniaturised control units.

Savings in time and costs.

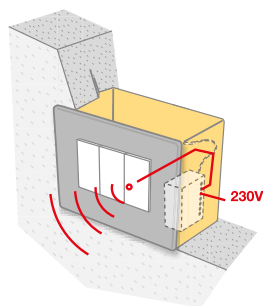
**Perfect for every need**

Simple individual or centralised automation management.

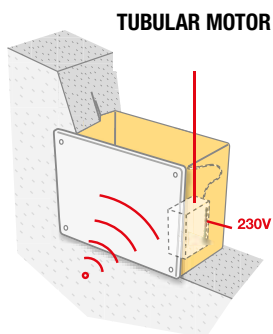
Possibility to comfortably control the entire system using portable or mains powered wall-mounted transmitters.

An additional control point can be created by connecting the miniaturised control unit via cable to the existing wall switch.

DISCOVER THE OTHER COMPONENTS IN THE SYSTEM:

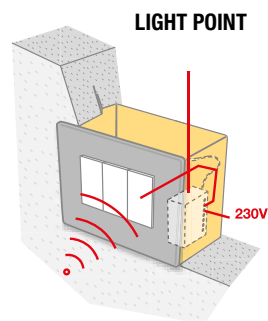
**1**

Recessed transmitters, **model TTX4** with mains power supply, and **TTXB4**, battery-powered. Ideal for controlling automations not reachable directly by wire.

**2**

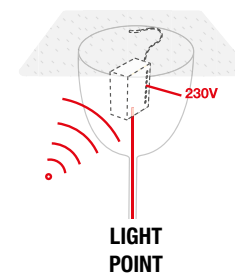
TT2N radio receiver and control unit to control one 230 Vac motors up to 500 W.

TT2Z, radio receiver and control unit for dry contact controlled motors, tubular motors with 4-wire power cable and lights.

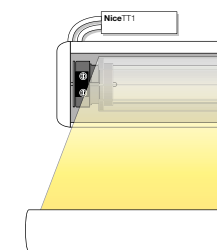
**3**

TT2L radio receiver and control unit for lighting systems.

TT2D radio receiver and control unit to control lighting installations from a number of points, with built-in switching module.

**4**

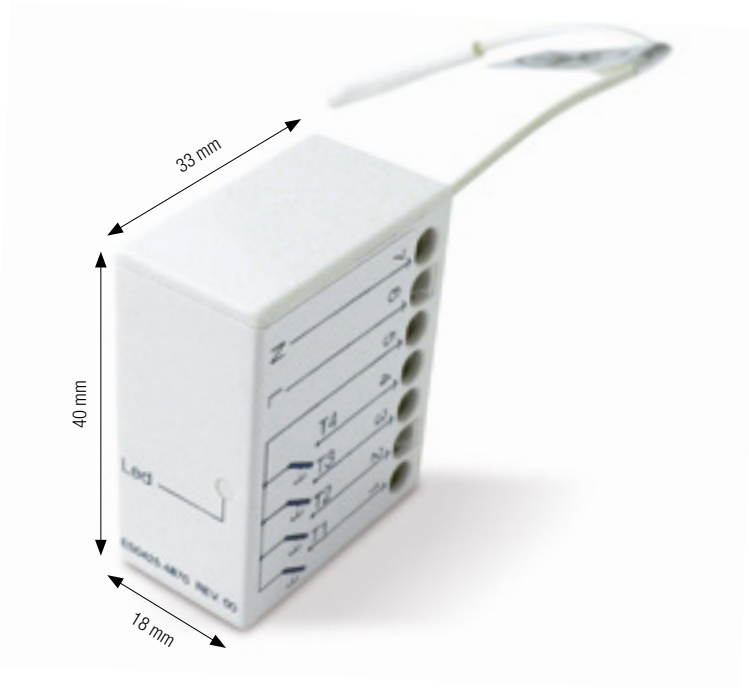
Built-in TTDMS radio receiver for electrical loads up to 250 W, on/off and dimmer functions.

**5**

Mindy TT1 miniaturised radio receivers and control units for sun awnings, outdoor Venetian blinds, rolling shutters and lighting and irrigation systems. IP protection class more than 50.

TTX4 / TTXB4

Recessed transmitters to control automations



Recessed transmitters ideal for controlling automations not reachable directly by cable.

433.92 MHz frequency, with 52 bit rolling code (more than 4.5 million billion combinations).

TTX4, with mains power supply and TTXB4, powered by long life battery.

Possibility of connecting up to 4 pushbuttons (optional) for wired control of the automations.

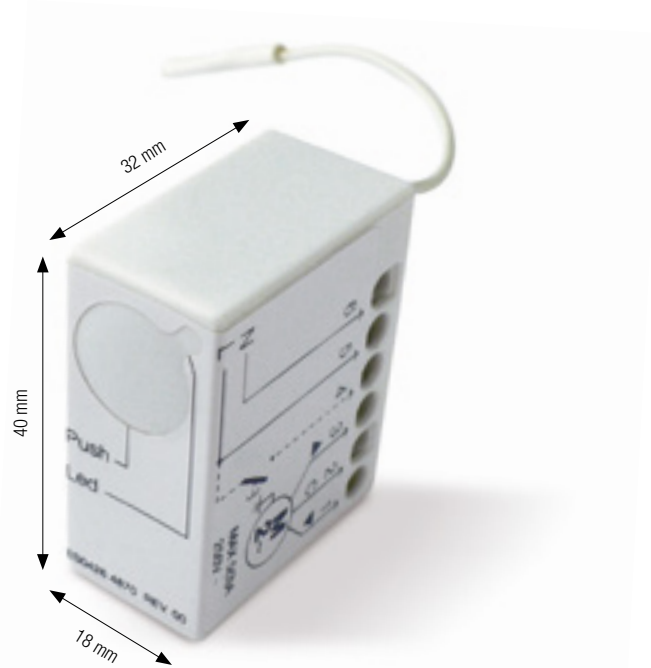
Code	Description	Pcs./pack.
TTX4	Recessed transmitter powered by mains electricity, 4 channels	1
TTXB4	Recessed transmitter, battery-powered, 4 channels	1

TECHNICAL SPECIFICATION

Code	TTX4	TTXB4
Power supply	120 or 230 Vac, 50/60 Hz; (limits 100 - 255 V)	3 Vdc; CR2032 lithium battery
Carrier frequency	433.92 MHz \pm 100 KHz	
Estimated range	35 m indoors	
Coding	Digital 52 bit (4.5 million billion combinations)	
Protection class (IP)	20	
Operating temperature ($^{\circ}$ C Min/Max)	-20 $^{\circ}$ - +55 $^{\circ}$	
Dimensions (mm)	18x33x40 h	

TT2N

Radio receiver and recessed control unit to control one 230 Vac motor



Recessed miniaturised radio receiver and control unit for controlling one 230 Vac motor, up to 500 W.

Protection class IP20.

Quick easy programming thanks to the dedicated pushbutton.

An **LED indicator** helps the user follow the correct programming procedure, for example indicating when the set thresholds of the climatic sensor are exceeded.

Possibility of memorising up to 30 transmitters

- in Mode I: Up - Stop - Down - Man present down
- in Mode II: Step-by-Step - Up stop - Down stop - Stop - Man present down - Man present up.

Possibility of connecting a pushbutton for wired control with Step-by-Step - Always up - Always down mode.

Can be connected to Nemo and Volo S-Radio climatic sensors.

Code	Description	Pcs./pack.
TT2N	Radio receiver and control unit to control one 230 Vac motor	1

TECHNICAL SPECIFICATION

Code	TT2N
Power supply (Vac/Hz)	120 or 230 Vac, 50/60 Hz; (limits 100 - 255 V)
Maximum motor power	500 VA per Vn = 230 V, 1600 VA per Vn = 120 V
Protection class (IP)	20
Manoeuvre duration (sec)	4-240 (default about 150 s)
Levels Wind sensor (Km/h)	5, 10, 15, 30, 45 Volo S-Radio
Levels Sun sensor (KLux)	2, 5, 10, 20, 40 + self-lrn. Volo S-Radio
Programmable functions (Mode I)	Up - Stop - Down - Man present down
Programmable functions (Mode II)	Step-by-step - Up stop - Down stop - Stop - Man present down - Man present up
Operating temperature (°C Min/Max)	-20 - +55
Dimensions (mm)	40x18x32
Weight (g)	20
TAG SERIES RADIO RECEIVER	TT2N
Frequency (MHz)	433.92
Radio compatibility with	Era, NiceWay
Range transmitters and climatic sensors	Estimated 150 m in open space, 20 m indoors

TT2Z

Radio receiver and recessed control unit to control motors and lights



Miniaturised radio receiver and recessed control unit to manage awnings, blinds, rolling shutters and other electrical loads via potential free output.

With Nice transmitters, the TT2Z lets you manage:

- **dry contact controlled motors;**
- **tubular motors with 4-wire power cable and absorption of less than 1A;**
- **two independent switches, for example, to control two lights.**

Possibility of memorising up to 30 Nice transmitters, including three climatic sensors. If the transmitter has a slider, this can be used to control manoeuvres in "man present" mode.

Personalisation

The desired motor manoeuvre time can be set from a minimum of 10 seconds to a maximum of 4 minutes. The stop command can be set in three different modes, thanks to the configurable dry contact.

Comfort

Three standard configurations for managing the climatic sensors: for indoor blackout screens, for rolling shutters and for outdoor awnings or blinds. Sensor management is customisable.

Safety

When active, the Memory Locking function prevents memorising of further transmitters.

Easy quick programming thanks to the PRG and ESC keys on Era P and Era W series transmitters. The **LED indicator** helps the user follow the correct programming procedure.

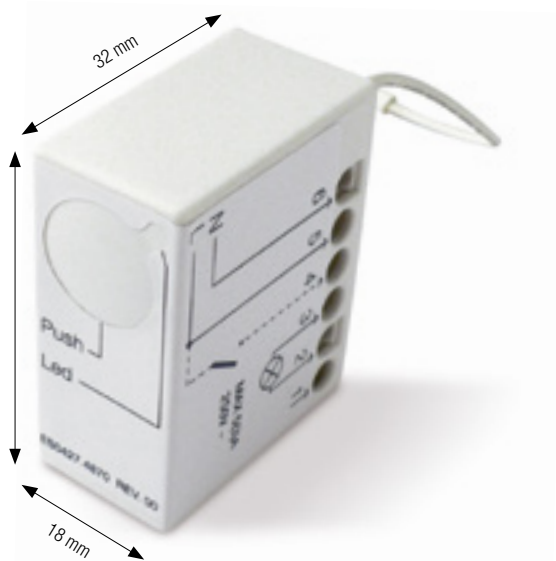
Code	Description	Pcs./pack.
TT2Z	Radio receiver and control unit for dry contact controlled motors, 4-wire motors and lights	1

TECHNICAL SPECIFICATION

Code	TT2Z
Power supply (Vac/Hz)	90-265 / 50-60
Absorbed power in stand-by (W)	< 0.3
Protection class (IP)	20
Manoeuvre duration (sec)	10-240 s
Operating temperature (°C Min/Max)	-20 - +55
Dimensions (mm)	47x18x32
Weight (g)	30
Radio frequency (MHz)	433.92
Radio coding	FLO-R, O-CODE, F-CODE

TT2L / TT2D

Radio receiver and recessed control units to control lighting systems



Miniaturised recessed radio receivers and control units compatible with Nice transmitters in the Era and NiceWay series.

To control loads at 230 Vac mains voltage with power up to 1000W / 500 VA.

Protection class IP 20

Quick easy programming thanks to the dedicated pushbutton.
An **LED indicator** helps the user follow the correct programming procedure, for example indicating when the set thresholds of the climatic sensor are exceeded.

Possibility of memorising up to 30 transmitters

- in Mode I: On - Off
- in Mode II: ON/OFF - Hold to run - Timer1 - Timer2.

Connection to the Volo S-Radio climatic sensor enables lights to be turned on and off by means of the "Sun" sensor.

Timer programmable from a minimum of 0.5" to a maximum of about 9 hours; optimised programming procedure, maintenance of set values even during power failure.

Possibility of connecting a switch for wired control in ON/OFF mode.

TT2L, radio receiver and control unit for lighting systems.

Simplified electrical connection thanks to the switch connected directly to the power supply.

TT2D, radio receiver and control unit to control lighting installations from a number of points, with built-in switching module.

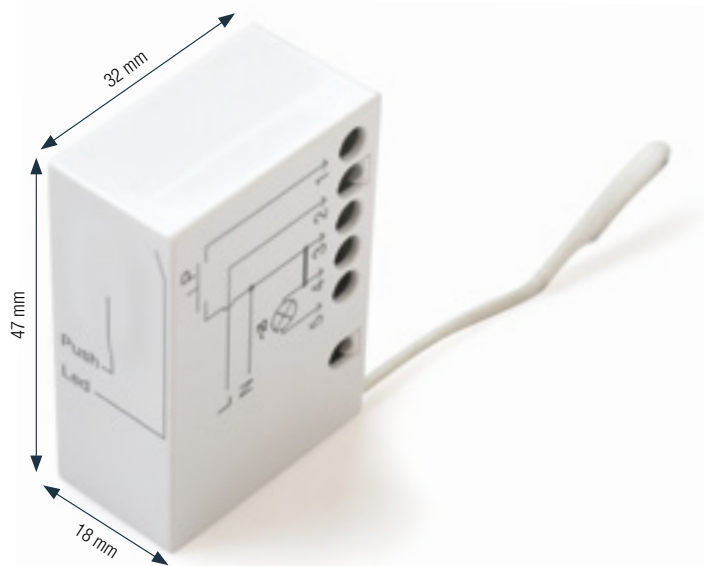
Code	Description	Pcs./pack.
TT2L	Radio receiver and control unit to control 230 Vac lighting systems.	1
TT2D	Radio receiver and control unit to control 230 Vac lighting systems with built-in switching module	1

TECHNICAL SPECIFICATION

Code	TT2L	TT2D
Power supply (Vac/Hz)	120 or 230 Vac, 50/60 Hz; (limits 100 - 255 V)	
Maximum motor power	1000 W / 500 VA per Vn = 230 V, 600 W / 600 VA per Vn = 120 V	
Protection class (IP)	20	
Manoeuvre duration (sec)	1 s - 9 h (default TIMER1= 1 min, TIMER2= 10 min)	
Levels Sun sensor (KLux)	5, 10, 15, 30, 45 Volo S-Radio	
Programmable functions (Mode I)	On-Off	
Programmable functions (Mode II)	ON/OFF - Man present - Timer1 - Timer2	
Operating temperature (°C Min/Max)	-20 - +55	
Dimensions (mm)	40x18x32	
Weight (g)	20	
Frequency (MHz)	433.92	
Radio compatibility with	Era, NiceWay	
Range transmitters and climatic sensors	Estimated 150 m in open space, 20 m indoors	

TTDMS

Recessed control unit with radio receiver and dimmer



Mains electricity powered lamp dimmer with built-in radio receiver.

For electrical loads up to 250 W.

Possibility of memorising up to 30 transmitters

- in Mode I: Dimmer Up - Toggle - Dimmer Down
- in Mode II: Personalised programming

An external pushbutton can be connected to turn the lamp on and off and adjust light intensity.

Quick easy programming thanks to the dedicated pushbutton.

An **LED indicator** helps the user follow the correct programming procedure, for example indicating when the set thresholds of the climatic sensor are exceeded.

Code	Description	Pcs./pack.
TTDMS	Recessed control unit with built-in radio receiver for electrical loads up to 250 W, on/off and dimmer functions	1

TECHNICAL SPECIFICATION

Code	TTDMS
Power supply (Vac/Hz)	230 Vac, $\pm 10\%$ 50 Hz
Maximum power of controlled load	250 W / 200 VA
Type of light source (with 230 Vac input power $\pm 150\%$, 50 Hz)	Incandescent, halogen; adjustable: LED and neon
Maximum absorption (excluding absorption of controlled load)	< 500 mW in standby
Protection class (IP)	20
Operating temperature ($^{\circ}\text{C}$ Min/Max)	-20 - +55
Dimensions (mm)	47x18x32
Weight (g)	30

TT1N / TT1V / TT1L

Radio receivers and control units with passthrough installation



Mindy TT1 miniaturised radio receivers and control units with passthrough installation.

Protection class IP55.

Built-in 433.92 MHz radio receiver with more than 4.5 million billion combinations.

Self-learning of Era and NiceWay series transmitters and NiceWay Sensor, Nemo, Nemo Vibe, and Volo S-Radio climatic sensors.

Possibility of memorising up to 30 transmitters.

With internal terminal board.

TT1N for awnings and rolling shutters.

For motors up to 500 W.

Maximum flexibility in controlling the motor with 2 transmitter memorisation modes:

- Mode I: Up - Stop - Down;
- Mode II: Step-by-step - Up only - Down only - Stop.

Manages Nemo and Volo S-Radio climatic sensors for synchronised commands.

Operating time can be programmed from a minimum of 4 seconds to a maximum of 4 minutes.

TT1V for Venetian blinds

Pressing and holding the transmitter for less than 2 seconds activates the motor for the duration of the command only, adjusting the slant of the Venetian blind. Pressing for more than two seconds activates the full opening/closing manoeuvre.

Maximum flexibility in controlling the motor with 2 transmitter memorisation modes:

- Mode I: Up - Stop - Down;
- Mode II: Step-by-step - Up only - Down only - Stop.

Manages Nemo and Volo S-Radio climatic sensors for synchronised commands.

Operating time can be programmed from a minimum of 4 seconds to a maximum of 4 minutes.

TT1L for lighting and irrigation systems

To control loads at 230 Vac mains voltage with power up to 500 W.

Controls a max. of 2 timers for automatic turn-off.

Maximum control flexibility with 2 transmitter memorisation modes:

- Mode I: ON - OFF with separate keys;
- Mode II: On - Off - Man Present - Timer.

Timer can be programmed from a minimum of 0.5" to a maximum of about 9 hours.

Code	Description
TT1N	433.92 MHz frequency receiver, rolling code. To control motors up to 500 W.
TT1V	433.92 MHz frequency receiver, rolling code. For Venetian blinds. To control motors up to 500 W.
TT1L	433.92 MHz frequency receiver, rolling code. To control loads at 230 Vac mains voltage with power up to 500 W

TECHNICAL SPECIFICATION

Code	TT1N	TT1V	TT1L
Power supply (Vac/Hz)	230/50		
Maximum motor power	500 W / 400 VA		
Protection class (IP)	55		
Manoeuvre duration (sec)	Prog. 4-250		Timer1 Timer2 from 0.5" to 540"
Levels Wind sensor (Km/h)	5, 10, 15, 30, 45 Volo S-Radio		-
Levels Sun sensor (KLux)	2, 5, 10, 20, 40 + self-learning Volo S-Radio		-
Programmable functions (Mode I)	Up - Stop - Down		-
Programmable functions (Mode II)	Step-by-step - Up only - Down only - Stop		ON/OFF - Man present - Timer1 - Timer2
Operating temperature (°C Min/Max)	-20 - +55		
Dimensions (mm)	98x26x20		
Weight (g)	45		
TAG SERIES RADIO RECEIVER	TT1N	TT1V	TT1L
Frequency (MHz)	433.92		
Radio compatibility with	Era, NiceWay		
Range transmitters and climatic sensors	Estimated 200 m in open space, 35 m indoors		

TT1VR

Control unit and radio receiver with Hirschmann connectors for outdoor Venetian blinds



Control unit and radio receiver with Hirschmann connectors, to manage exterior Venetian blinds, sun awnings and rolling shutters.

Protection class IP54.

Universal

Compatible with any square or tubular motor with Hirschmann connector.

Compact

Compact size: ideal for installing in even small boxes.

"Tilting" function

This function enables the Venetian blinds to be tilted using Nice transmitters. The required tilting position can be recalled by simply pressing the transmitter button. Agio and Era P Vario make the adjustment even easier thanks to the presence of the slider.

Up to 30 different intermediate positions can be memorised.

Custom management of Nice climatic sensors (wind, rain and sun thresholds).

Secure

Memory locking function prevents memorising of further transmitters and eliminates the risk of accessing the programming phase accidentally.

Easy to programme

The TT1VR is easy to programme using Nice Era P transmitters. More savings in time thanks to the possibility of modifying the tilting positions and intermediate heights individually, without having to cancel the memory completely.

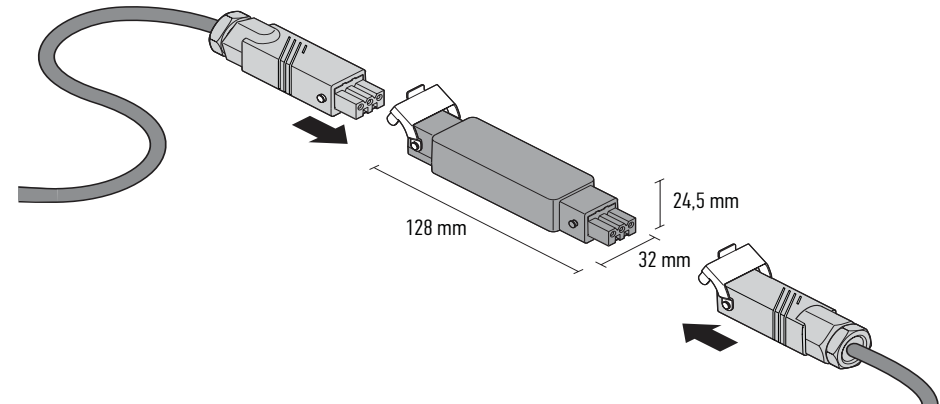
Low consumption

In stand-by, the TT1VR consumes just 0.3 W.

Go To Position function

For sun awnings and rolling shutters, just a simple touch on the slider of the transmitters (Era P Vario or Agio) will take the rolling shutter to the position corresponding to the pressure point, from 0 to 100% of travel.

CONNECTION



Code	Description	Pcs./pack.
TT1VR	Control unit and 433.92 MHz frequency radio receiver, with Hirschmann connector to control a motor of up to 500 W	1

TECHNICAL SPECIFICATION

Code	TT1VR
Power supply (Vac/Hz)	100-240 / 50-60
Maximum motor power	500 W / 400 VA
Absorbed power in stand-by (W)	< 0.3
Protection class (IP)	54
Manoeuvre duration (sec)	Prog. 4-250
Levels Wind sensor (Km/h)	5, 10, 15, 30, 45 Volo S-Radio
Levels Sun sensor (KLux)	2, 5, 10, 20, 40 + Self-learning Volo S-Radio
Programmable functions (Mode I)	Up - Stop - Down
Programmable functions (Mode II)	Step-by-step - Up only - Down only - Stop
Operating temperature (°C Min/Max)	-20 - +50
Dimensions (mm)	128x32x24.5
Weight (g)	45

TT3 / TT4 / TT5

Surface mounted control units



Surface mounted control units with Wind-Sun levels adjustable by transmitter or trimmer.

Protection class IP44.

Self-learning of Era and NiceWay series transmitters and Nemo and Volo S-Radio climatic sensors.

Trimmers for climatic sensors

Adjustment of wind threshold from 5 to 60 km/h and light threshold from 5 to 60 Klux. LED diagnostics.

Possibility of defining the direction of movement (opening and closing) of the application when the rain sensor is activated.

Separate terminals for Up and Down or Step-By-Step commands.
Enabling/disabling of Stop function during the manoeuvre.

TT3, for 1 motor up to 1000 W.

Wired connection to climatic sensors (each sensor can control up to 5 control units).

TT4, with built-in receiver, for 1 motor up to 1000 W.

Can memorise up to 30 transmitters without having to connect to or access the motor. Allows remote activation of new transmitters once the first is memorised.

Wired and radio connection to climatic sensors.

TT5, with built-in receiver, for 2 motors up to 600 W.

For synchronised management of the two motors, including on different axes, with simultaneous command, but each with its own limit switch.

Can memorise up to 30 transmitters without having to connect to or access the motor. Allows remote activation of new transmitters once the first is memorised.

Wired and radio connection to climatic sensors.

Code

TT3	Control unit to control 1 motor up to 1000 W
TT4	Control unit to control 1 motor up to 1000 W. 433.92 MHz frequency receiver, rolling code
TT5	Control unit to control 2 synchronised motors up to 600 W. 433.92 MHz frequency receiver, rolling code

TECHNICAL SPECIFICATION

Code	TT5	TT4	TT3
Power supply (Vac/Hz)	230/50		
Maximum motor power (W)	2x600	1000	
Signal voltage (Step-by-Step, sensors)	about 24 Vdc		
Protection class (IP)	44		
Manoeuvre duration (sec)	150		
Levels Wind sensor (Km/h)	Adjustable by trimmer from 5 to 60		
Levels Sun sensor (klux)	Adjustable by trimmer from 5 to 60		
Operating temperature (°C Min. Max.)	-20 - +55		
Length signal wires (Step-by-Step, sensors)	Maximum 30 m if near other wires, otherwise 100 m		
Dimensions (mm)	128x111x43.5		
Weight (g)	400	340	
Frequency (MHz)	433.92		-
Coding	52 bit rolling code		-
Range transmitters and Volo sensors	Estimated 200 m in open space, 35 m indoors		-

TT6

Communication interface between Nice TTBUS and other systems



Communication interface and control unit with built-in radio receiver.

The TT6 is a communication interface between the Nice TTBUS system and an external control system communicating via the RS232 serial port.

Allows management of Nice tubular motors in automation systems for sun awnings, rolling shutters, roller blinds and blackout screens and to control video projection screens.

The interface allows PC-PLC systems to communicate using the RS232 port.

Possibility of managing and displaying the status **of up to 8 Nice motors** equipped with TTBUS technology **and one motor with mechanical limit switch** (including through external pushbuttons).

Activation of preset scenarios by means of the external Trigger input.

Possibility of creating and managing programmed scenarios.

Code	Description	Pcs./pack.
TT6	TTBus-RS232 interface and control unit for tubular motors	1

TECHNICAL SPECIFICATION

Code	TT6
Power supply (Vac/Hz)	110 - 240 Vac 50/60 Hz
Maximum absorbed current	80 mA in stand-by, 3A at maximum load
Frequency	433.92 MHz
Antenna impedance	52 ohm
Sensitivity	More than 0.5 μ V for successful signal
Protection class (IP)	40 (with undamaged case)
Average range	Estimated 200 m in open space and 35 m indoors
No. transmitters memorisable	30
Output	1 output for piloting a two-phase motor
Contact rating	3A - 250V
Coding	FloR (rolling code)
Operating temperature ($^{\circ}$ C Min/Max)	- 20 - + 55
Dimensions (mm)	128x112x43
Weight (g)	260



Nice Screen Configuration Tool

Advanced local or remote management of automation systems



Intuitive, quick and precise.

By connecting your PC or tablet to the DMBM module by LAN cable or Wi-Fi, the Nice Screen Configuration Tool lets you configure the entire automation system easily from your browser.



1 DISPLAY

all devices in the system: power, motor interface and connectivity modules, tubular motors and control electronics.

2 CONFIGURE

the automation parameters with maximum precision:

- adjust limit switch positions;
- set the speed and duration of the movements (for Era Inn Smart motors);
- adjust the Soft Start, Soft Stop and obstacle detection functions;
- set the intermediate heights;
- memorise the transmitters.

3 PERSONALISE

create groups, scenarios and programmed commands for a space to fit your lifestyle.

4 DIAGNOSTICS

display the total number of movements performed by each Era Inn Smart motor, temperature reached and operating time. In the case of Era Inn Smart motors, all events are recorded, facilitating diagnostics, with the possibility of intervening subsequently, either directly or remotely.

CUSTOMISED USE

You can create three different types of user.

Administrator: has access to all configurator functions and can manage all devices connected to the system.

Power User: has access to a limited number of functions authorised by the Administrator, to simplify and speed up maintenance and other operations, directly or remotely.

User: can quickly and easily activate the scenarios set previously, adapting the automation system to the user's specific habits and preferences.

TTPRO BD

Palmtop programmer for tubular motors, TTBUS, dry contact or bidirectional radio



Palmtop programmer for Nice tubular motors with TTBUS, dry contact or bidirectional radio technology.

Time savings and incomparable precision, the TTPRO BD simplifies management of blind and rolling shutter automation systems: programming is simple, by memorising the settings then copying them without repeating the sequence for each new automation.

No access to the automation is required:

You can control and programme automations with Nice bidirectional radio without needing physical access to the motor itself. Installation is completely wireless.

Simple, direct programming, including by wireless, of:

- electronic limit switches;
- intermediate heights;

- motor rotation speed;
- the duration of opening and closing movements;
- Soft Start and Soft Stop functions;
- the obstacle detection function;
- dry contact configuration;
- the address of each motor;
- climatic sensors.

Simple management of transmitters

- immediate activation of a transmitter;
- cancellation of one or all transmitters;
- activation of climate sensors via radio.

Simple cancellation of the memory and resetting to default configurations.

"Macro" function to copy the settings to a number of motors.

Firmware update via PC and practical USB cable for recharging the TTPRO BD.

Radio test

Possibility of checking for any ambient radio interference.

Code	Description
TTPRO BD	Palmtop programmer for Nice tubular motors with TTBUS or dry contact technology
B1.2V2.4315	Pair of rechargeable batteries for TTPRO

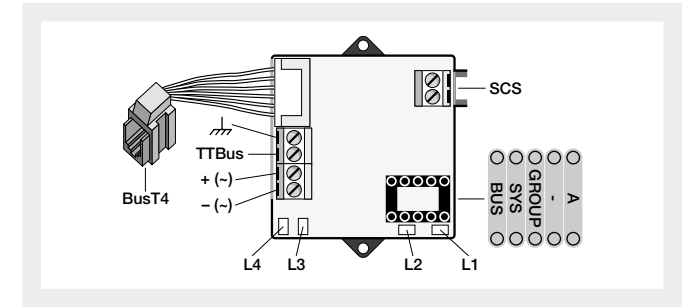
TECHNICAL SPECIFICATION

Code	TTPRO BD
Battery power (VDC)	2 AA batteries
PC interface	USB
Operating temperature (°C Min/Max)	-20 - +50
Dimensions (mm)	155x95x29
Weight (g)	200



MyHome BTicino INB

Control interface between Nice Bus and MyHome BTicino systems



OVIEWTT

INB is a Nice control interface enabling communication between Nice Bus (TTBus and BusT4) systems and the BTicino MyHome (SCS) system.

The interface can dialogue with all devices controlling functions in the home via simple pushbuttons or the BTicino touchscreen, allowing:

- for each interface, control of up to four Nice automations for **gates and garage doors** with motors and/or control units with BusT4 technology, or **awnings, blinds and rolling shutters, with tubular motors** with Nice TTBUS technology;
- **control of lighting, heating, sound diffusion, security and communication.**

Total integration between the systems guarantees:

- **shorter installation and maintenance times** thanks to the creation of a single Nice-BTicino system;
- **ease of installation**, thanks to the small size of INB enabling it to be installed in any junction box;

- **modular system, expandable** without the need for further building work. Thanks to the more rational wiring, additional devices can easily be integrated without laying new cables, using a single supervision device;
- **maximum flexibility and safety**
Each device in the Bus network is uniquely identified by assigning a specific address during programming. Each device can thus be distinguished from the others in the same "TTBus" or "BusT4" network connected to the same interface. To add further devices later, each one can simply be assigned a free address, connected to the Bus, and configured via Nice palmtop programmers. Practical connections via terminals and connectors;
- **compatible with a wide range of Nice motors** TTBUS / BusT4) equipped with Opera technology for total freedom of choice.

Code	Description	Pcs./pack.
INB	Communication interface between BTicino Bus (SCS) and Nice Bus (TTBus and BusT4)	1

Code	Description	Pcs./pack.
OVIEWTT	Control, programming and diagnostics unit for devices with TTBUS connection	1

TECHNICAL SPECIFICATION

Code	INB
Power supply	From BusT4, or 24 Vac/Vdc (limits 20 - 35 Vdc, 22 - 35 Vac)
Consumption	About 18 mA
Insulation	Class III
Protection class (IP)	
Operating temperature (°C Min/Max)	-20 - +50
Dimensions (mm)	41x52x18 h

O-View TT

Palmtop programmer for motors and control centres via TTBUS



Palmtop programmer with display for motors and control units with Nice TTBUS technology.

Easy programming of rolling shutter and sun awning automation systems. The O-View TT automatically recognises the control unit and thus the automation system to which it is connected and displays its typical parameters, thus avoiding the need to identify the device, for maximum speed and convenience.

With O-View TT, the motor can be programmed according to the type of awning, rolling shutter or Venetian blind automation system and specific configurations can be created with just a few simple steps.

Guided installation configuration

Adjustment of the electronic limit switches and motor rotation direction, regulation of torque reduction and memorisation of the transmitters and radio-controlled Nemo and Volo sensors.

The settings made appear on the LCD screen for instantaneous checking of the parameters set.

The intuitive graphic interface

Allows even non-experts to programme the automation system.

The O-View TT allows the settings made to be saved for future copying, avoiding the need to repeat the sequence for each subsequent automation, ensuring **accuracy and time-saving**, particularly with complex installations with a large number of automations.

The O-View TT also manages the memories of the radio-controlled Nemo and Volo sensors, allowing setting of Sun-Wind trigger levels and sun sensor activation/deactivation in VOLO and VOLO S models.



The simple interface of the O-View TT allows even non-experts to programme the automation system, with no specialist knowledge required.

Code	Description	Certificates
OVIEWTT	Control and programming unit for motors and control units with TTBUS, powered by rechargeable batteries. Complete with connection cables	CE
ALA1	Power supply and battery charger for O-View TT	

TECHNICAL SPECIFICATION

Code	OVIEWTT
Graphic interface	128x64 dots LCD display (46x29 mm); 2.2"
Operator input device	5 + 2 key joystick
Display/key lighting	White light
Connection cables (supplied)	1x1 m for TTBUS, 1x2 m for BusT4
Power supply	Rechargeable battery
Insulation	Class III
Protection class of case (IP)	20
Operating temperature (°C Min/Max)	-20 - +55
Dimensions (mm)	107x62x25
Weight (g)	150

Accessories and switches



TTE

Expansion to control a number of motors in single or multiple mode, can be used with Mindy TT series control units. Protection class IP10.



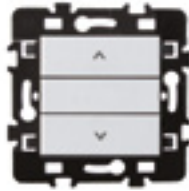
TTU

Electronic limit switch programming unit for Era Inn Action and Era Star motors (test cable).



555.30000

Switch with three interlocked up-stop-down pushbuttons.



555.21100

Switch with two non-interlocked pushbuttons. man present operation.



556.00000

Plate for 555.30000 and 555.21100 switches.



556.01000


Plate with Nice logo for 555.30000 and 555.21100 switches.



556.10000

Recessed box for switches 555.30000 and 555.21100.





The Nice modular system for more advanced building management

A system of power, interface and connectivity modules, each with its own specific function, for combination and installation on a DIN rail to obtain a modular expandable building management system.

The system can be expanded with new modules at any time, for optimum management of functions and space. Designed for seamless combination according to the specific system to be constructed, the modules guarantee easy **integration with other technologies and the most widely used building management systems.**

Extreme flexibility.

The system is designed to adapt to all building management needs, so you can create the most suitable system for you.

Simple integration.

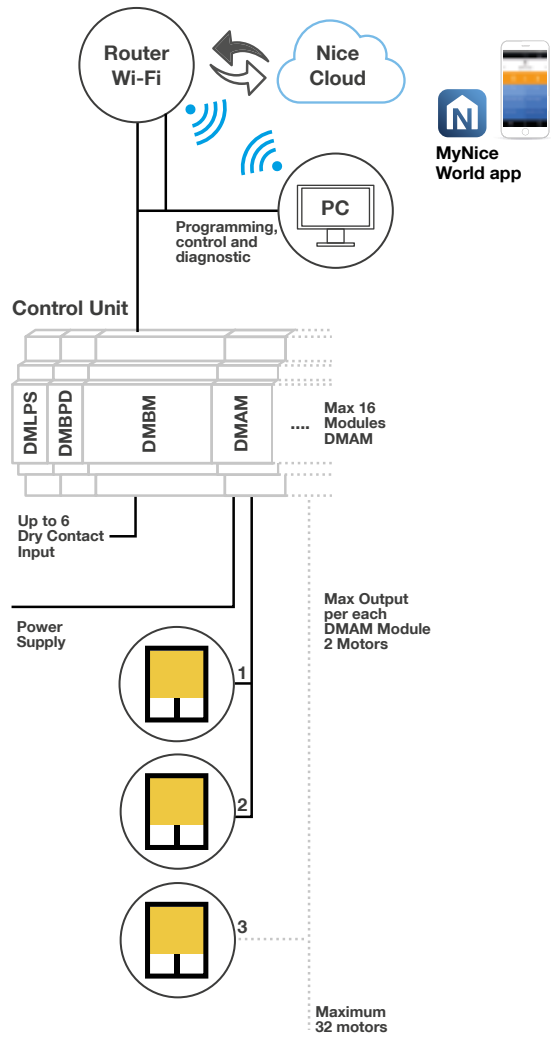
The modular system integrates with other technologies and with the most widely used building management systems, such as KNX, Crestron, etc.

Cost optimisation.

Thanks to its modularity, the system can be expanded as required, so you can optimise costs by choosing only the modules you actually need to meet the installation requirements.

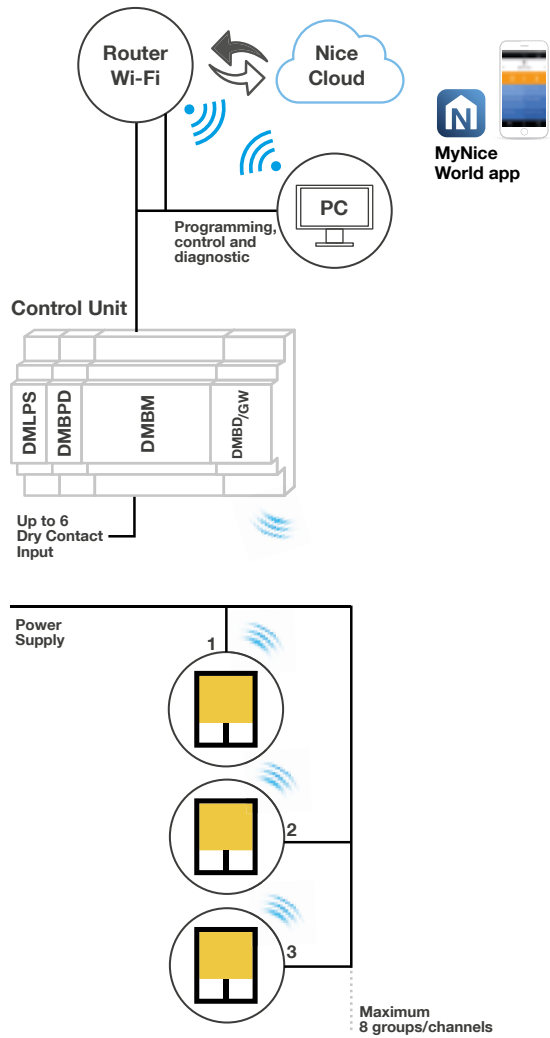
WIRED CONTROL SOLUTION

Installation example



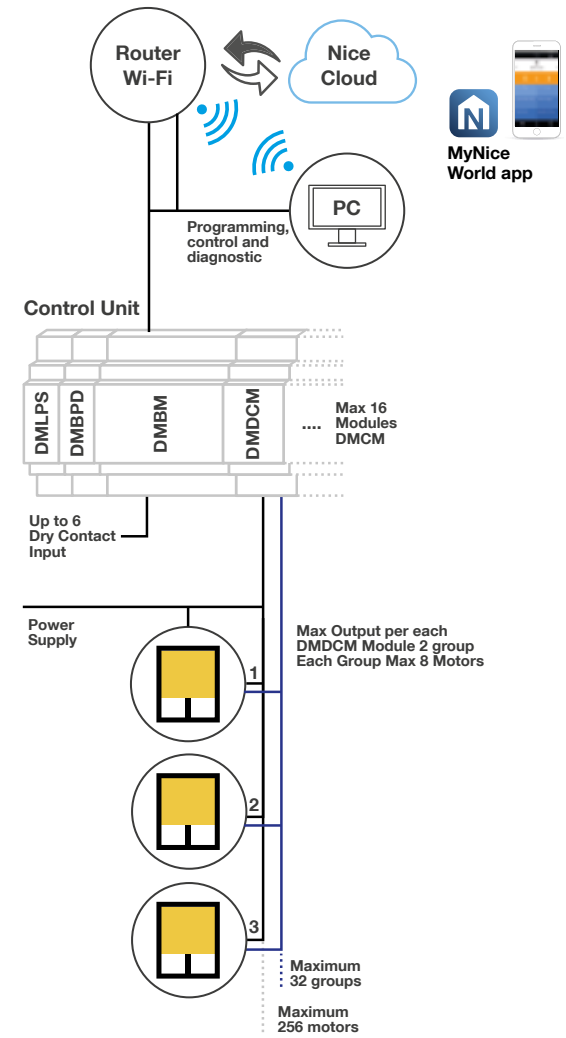
RADIO CONTROL SOLUTION

Installation example



DRY CONTACT CONTROL SOLUTION

Installation example





MyNice World app

Local or remote control of automations for indoor and outdoor blinds, awnings and rolling shutters, thanks to the DMBM connectivity module.

The MyNice World app is also compatible with the MyNice alarm control unit for complete home automation management: alarm systems, gates, garage doors and lighting and irrigation systems.





SOME EXAMPLES OF POSSIBLE SCENARIOS

Good Morning



at the given time, disables the alarm and opens blinds and rolling shutters

Good Night

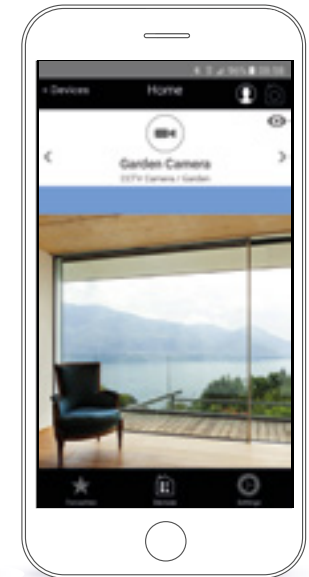
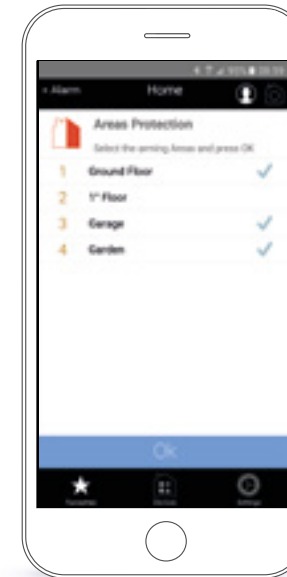
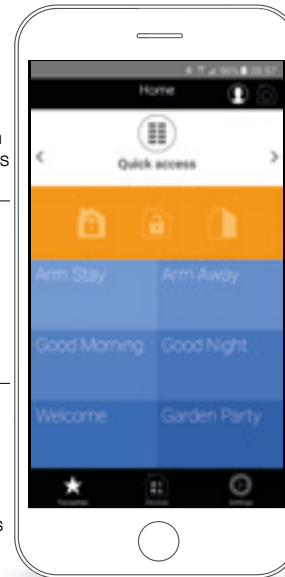


enables the alarm system, lowers the rolling shutters and turns the lights off

Welcome



opens the gate and garage door, disables the alarm system and turns the lights on when you get home



REMOTE AUTOMATION MANAGEMENT

Intuitive graphic interface to control all the connected automations easily and conveniently, even at a distance.

SCENARIOS

Various scenarios can be created depending on your daily habits, customising the different days of the week (work days and weekends).

You can activate your chosen scenario at any time with a simple gesture.

EVERYING UNDER CONTROL

Manage the alarm system even at a distance, choosing whether to activate the alarms in all, or just parts, of the building with a simple click.

In the event of an alarm or on request, the Nice PhotoPir detector also takes photographs of the surroundings and sends them to the user in real time.

DMLPS / DMBPD

DIN power supply modules

CHOOSE THE POWER SUPPLY MODULE

ASSOCIATE THE BUS MODULE



DMLPS2415
24 Vdc, 15 W power supply



DMLPS2430
24 Vdc, 30 W power supply



DMBPD

DMLPS (Din Module Low Power Supply) low voltage module to power the DIN modules in the Nice modular system.

Reliability and safety
Both modules are fitted with overload and polarity reversal protection and a 24 V power on LED.

DMBPD (Din Module Bus and Power Distribution) module to distribute the Bus signal and power all the motor interface and connectivity modules in the system.

Advanced customisable functions
The DMLPS and DMBPD modules can be installed on a DIN rail and combined with other modules in the Nice modular system to construct a control unit tailor-made for all requirements. **Both modules are required to construct the modular control unit.**

Code	Description	Certificates
DMLPS2415	Power supply module for DIN rail, 24 Vdc, 15 W	NF CE
DMLPS2430	Power supply module for DIN rail, 24 Vdc, 30 W	NF CE
DMBPD	DIN module for Bus signal and power distribution	NF CE

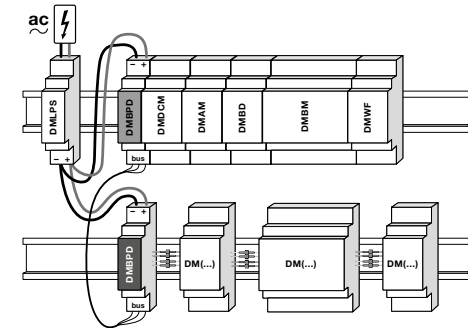
TECHNICAL SPECIFICATION

Code	DMLPS2415	DMLPS2430	DMBPD
ELECTRICAL SPECIFICATIONS			
Power supply (Vac/Vdc)	85~264/120~370	85~264/120~370	24
Absorption (mA)	880	1500	-
Power (W)	15.2	36	-
Operating time (°C min/max)	-20 - +60	-20 - +60	0 - +60
DIMENSIONAL DATA			
Dimensions (mm)	25x93x56	78x93x56	17.7x90.4x61
Weight (g)	100	270	40
Space occupied on DIN rail	1.5 unit	4 unit	1 unit

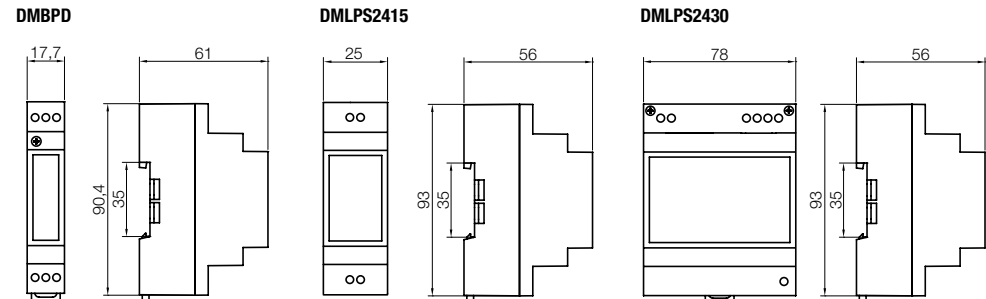
Protection class IP20.

INSTALLATION EXAMPLE

A Nice modular control system must always include either a DMLPS or DMBPD module.
If the system has a number of DIN rails, a DMBPD module is required for each rail.

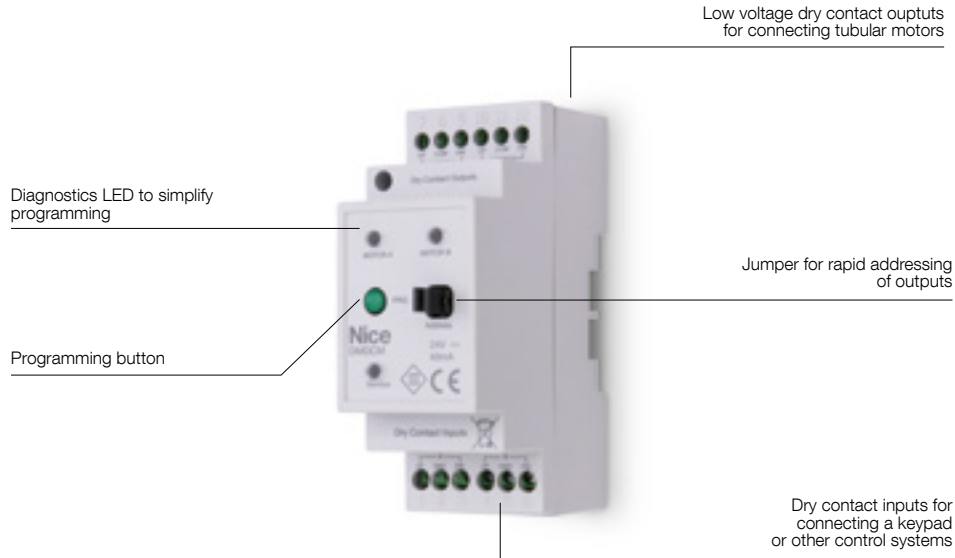


DIMENSIONS



DMDCM

DIN module to control two groups of motors or AC or DC operators



Motor interface DIN module, with 4 inputs and 2 configurable dry contact outputs, to connect up to 2 groups of motors and operators to the modular system.

Each input can be either normally-open or normally-closed.

Each **DMDCM (Din Module Dry Contact Motor)** module has:

- 4 dry contact inputs for connecting a keypad, or other control systems;
- 2 outputs, for dry contact connection of up to 8 motors each.

Performance

For the DMBPD to function correctly, it must be connected to both the DMLPS and DMBPD power modules.

Each Nice modular system can include up to 6 motor interface modules, unless a DMBM module is included. If a DMBM module is present, up to 16 motor interface modules can be connected.

Programming

When installing a number of modules, rapid addressing of the outputs via jumper or the Nice Screen Configuration Tool included in the DMBM module. Thanks to the Test mode, you can easily check which motors are connected to the module and verify the correctness of the electrical connections.

Each module is fitted with three diagnostic LEDs for easier programming.

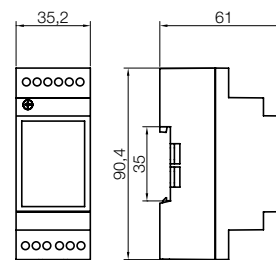
Code	Description	Certificates
DMDCM	DIN module to control 2 groups of motors or AC or DC operators through low voltage dry contact outputs	CE c RU us

TECHNICAL SPECIFICATION

Code	DMDCM
ELECTRICAL SPECIFICATIONS	
Power supply (Vdc)	24
Absorption (mA)	60
Power (W)	1.2
Operating time (°C min/max)	0 - +60
DIMENSIONAL DATA	
Dimensions (mm)	35.2x90.4x61
Weight (g)	100
Space occupied on DIN rail	2 unit

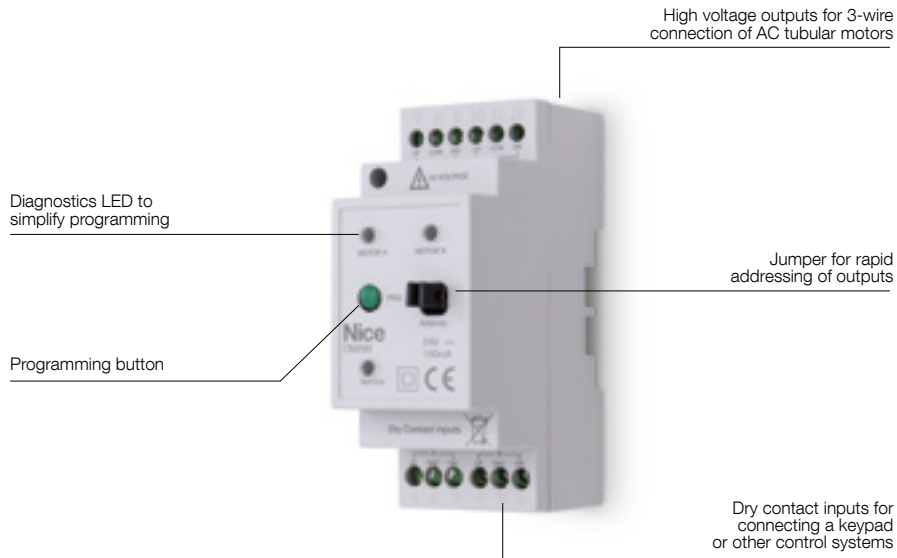
Protection class IP20.

DIMENSIONS



DMAM

DIN module to control two groups of motors or AC operators



Motor interface DIN module, with 4 programmable dry contact inputs and 2 high voltage outputs, to connect any commercially available 3-wire AC tubular motor to the modular system.

Each input can be either normally-open or normally-closed.

Each **DMAM (Din Module AC Motor)** module has:

- 4 dry contact inputs for connecting a keypad, or other control systems;
- 2 outputs, each to connect one 3-wire AC tubular motor.

Performance

For the DMAM to function correctly, it must be connected to both the DMLPS and DMBPD power modules.

Each Nice modular system can include up to 6 motor interface modules, unless a DMBM module is included. If a DMBM module is present, up to 16 motor interface modules can be connected.

Programming

When installing a number of modules, rapid addressing of the outputs via jumper or the Nice Screen Configuration Tool included in the DMBM module. Thanks to the Test mode, you can easily check which motors are connected to the module and verify the correctness of the electrical connections.

Each module is fitted with three diagnostic LEDs for intuitive programming.

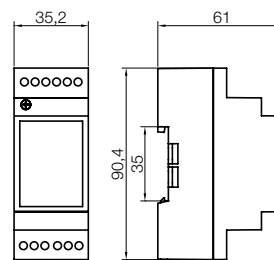
Code	Description	Certificates
DMAM	DIN module to control 2 groups of motors or AC operators through high voltage outputs	CE cULus

TECHNICAL SPECIFICATION

Code	DMAM
ELECTRICAL SPECIFICATIONS	
Power supply (Vdc)	24
Absorption (mA)	150
Power (W)	2.4
Operating time (°C min/max)	0 - +60
DIMENSIONAL DATA	
Dimensions (mm)	35.2x90.4x61
Weight (g)	125
Space occupied on DIN rail	2 unit

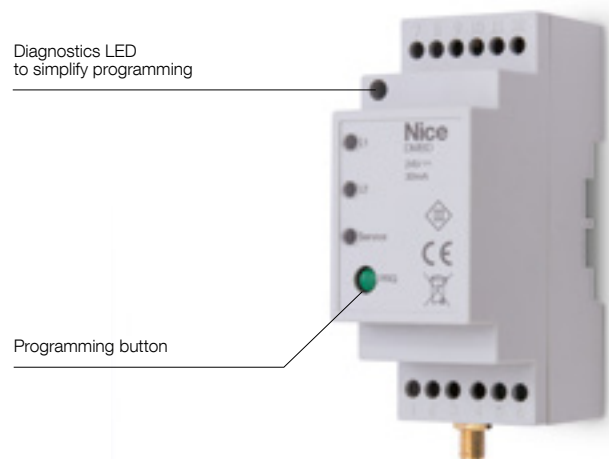
Protection class IP20.

DIMENSIONS



DMBD

DIN module for radio control of the devices connected to the system



Diagnostics LED
to simplify programming

Programming button

DIN radio connectivity modules.

Advanced management

The DMBD acts as an interface between the modular system and the Nice radio transmitters and climate sensors. It can memorise up to 30 radio channels with a frequency of 433.92 MHz and can manage all the outputs in the control system.

Performance

For the DMBD module to function correctly, it must be connected to a modular system consisting of DMLPS and DMBPD power modules and at least one DMAM, DMDCM or DMBM module to transmit the commands received from the radio connectivity module by wire to each of the connected motors.

Practicality

Rapid coupling between the radio channels in the Nice modular system and the outputs of the motor interface DIN modules on the control unit, either manually or using the Nice Screen Configuration Tool.

Each module is fitted with three diagnostic LEDs for faster programming.

Connection to climate sensors

The module can also be connected via radio to Nice climate sensors. The tubular motors and lights will thus operate according to the weather and environmental conditions, optimising luminosity and energy management in the building.

Safety

The antenna cable improves reception of the DMBD module, avoiding shielding and interference.

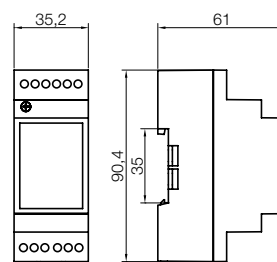
Code	Description	Certificates
DMBD	DIN module for the radio control of devices connected to the Nice modular system	CE c RU US
557.23110	Antenna cable for DMBD radio module. Length 1 m	

TECHNICAL SPECIFICATION

Code	DMBD
ELECTRICAL SPECIFICATIONS	
Power supply (Vdc)	24
Absorption (mA)	30
Power (W)	1,44
Operating time (°C min/max)	0 - +60
DIMENSIONAL DATA	
Dimensions (mm)	35.2x90.4x61
Weight (g)	65
Space occupied on DIN rail	2 unit

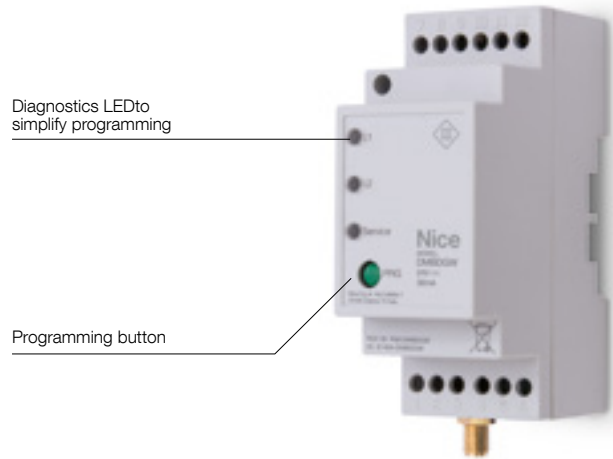
Protection class IP20.

DIMENSIONS



DMBD GW

DIN module for bidirectional radio control of the devices connected to the system



DIN radio connectivity modules.

Advanced management

The DMBD GW module acts as an interface between the modular system and the Nice bidirectional transmitters: it can memorise up to 30 radio channels with a frequency of 433.92 MHz and manage all outputs in the control system.

Performance

For the DMBD GW module to function correctly, it must be connected to a modular system consisting of DMLPS and DMBPD power modules and at least one DMAM, DMDCM or DMBM module to transmit the commands received from the radio connectivity module by wire to each of the connected motors.

Practicality

Rapid coupling between the radio channels in the Nice modular system and the outputs of the motor interface DIN modules on the control unit, either manually or using the Nice Screen Configuration Tool.

Each module is fitted with three diagnostic LEDs for faster programming.

Safety

The antenna cable improves reception of the DMBD GW module, avoiding shielding and interference.

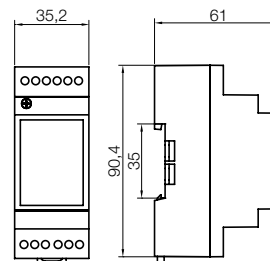
Code	Description	Certificates
DMBD GW	DIN module for the radio control of devices connected to the Nice modular system	CE cFUS
557.23110	Antenna cable for DMBD radio module. Length 1 m	

TECHNICAL SPECIFICATION

Code	DMBD GW
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Absorption (mA)	30
Power (W)	1.44
Operating time (°C min/max)	0 - +60
DIMENSIONAL DATA	
Dimensions (mm)	35.2x90.4x61
Weight (g)	65
Space occupied on DIN rail	2 unit

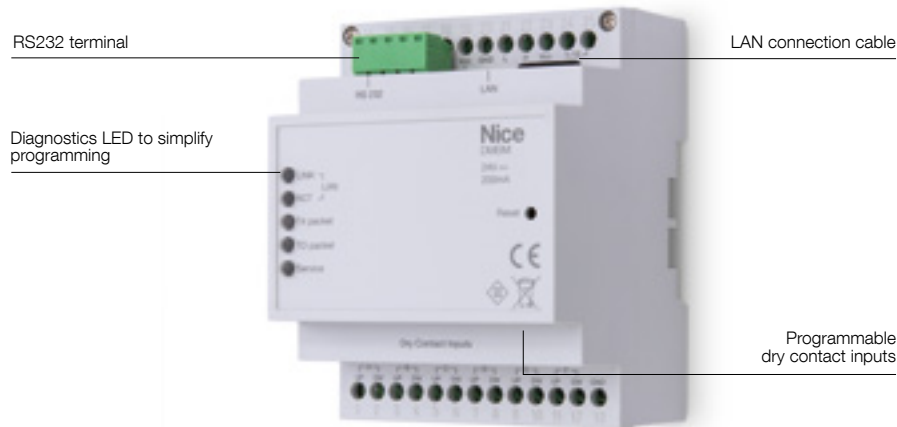
Protection class IP20.

DIMENSIONS



DMBM

DIN module for managing advanced systems



DIN connectivity module with BusT4 output, LAN connection, RS232 terminal and 12 programmable dry contact inputs for managing advanced systems.

Compatibility with other systems

The DMBM module **makes Nice an open system, compatible with the protocols most widely used in the building automation sector.**

Combining the DMBM module with the DMKNX module, the Nice system can be interfaced with a Konnex system.

The **DMBM (Din Module Building Management Interface)** module can manage the entire automation system through a browser from a PC or tablet connected by LAN cable or Wi-Fi network, using the **Nice Screen Configuration Tool** or **MyNice World app**.

Advanced programming

Thanks to the BusT4 output, the module can be used to connect up to 50 motors in the Era Inn Smart series

and configure parameters such as limit switches, speed, manoeuvre duration, acceleration, deceleration, intermediate positions, control logics via dry contacts and reactions to possible obstacles.

For the DMBM module to function correctly, it must be connected to both the DMBPD and DMLPS modules in the Nice modular system.

Advanced management

The Nice Screen Configuration Tool allows all the modules in the modular control system to be managed and programmed, configuring the outputs and automations in the system. Groups, scenarios and programmed commands can be created, thanks to the timer incorporated in the module, guaranteeing easy intuitive management.

These operations can also be performed practically and rapidly from a distance.

Integration

Through the dedicated plug-in, which can be required in the support area of the www.niceforyou.com website, it is possible to integrate Creston® protocol in the DMBM.

Code	Description	Certificates
DMBM	DIN module to manage advanced systems through the Nice Screen Configuration Tool	CE c RU US

TECHNICAL SPECIFICATION

Code	DMBM
ELECTRICAL SPECIFICATIONS	
Power supply (Vdc)	24
Absorption (mA)	200
Power (W)	2.88
Operating time (°C min/max)	0 - +60
DIMENSIONAL DATA	
Dimensions (mm)	72x90.4x61
Weight (g)	180
Space occupied on DIN rail	4 unit

Protection class IP20.

ELECTRICAL CABLE CHARACTERISTICS

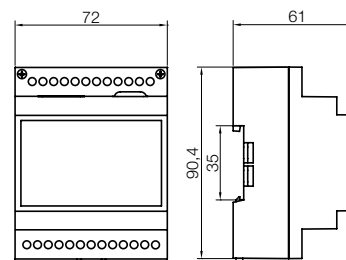
Dry contact inputs (1-13)

- Cable section: 0.5 mm² or AWG20
- Maximum cable length (from keypad to module): 100 m

BusT4 outputs (20-23)

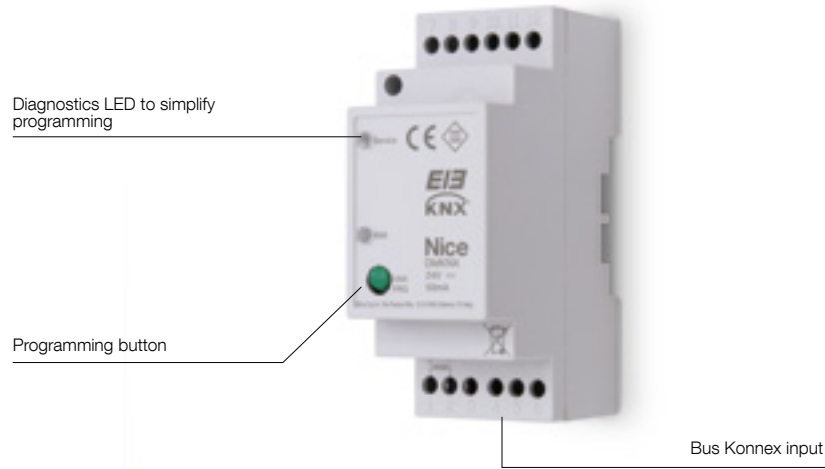
- Type of cable: Belden 3107A (2-pair), EIA-485 PL-TC Cable, 22AWG Stranded (7x30), Nominal impedance 120Ω
- Maximum cable length from module to last motor: 600 m

DIMENSIONS



DMKNX

DIN module to manage systems operating on a Konnex Bus



DIN connectivity module, allowing Nice automations to be interfaced with building management systems operating on a Konnex Bus.

Performance

For the DMKNX module to function correctly, it must be connected to a modular system consisting of DMLPS and DMBPD power modules and at least one DMAM, DMDCM or DMBM module to transmit the commands received from the building management system to the Nice automations .

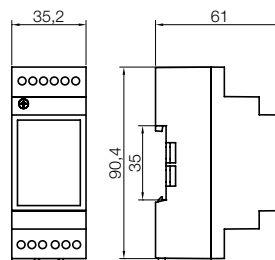
Code	Description	Certificates
DMKNX	DIN module to manage systems operating on a Konnex Bus	CE

TECHNICAL SPECIFICATION

Code	DMKNX
ELECTRICAL SPECIFICATIONS	
Power supply (Vdc)	24
Maximum consumption (mA)	20
Operating time (°C min/max)	0 - +60
DIMENSIONAL DATA	
Dimensions (mm)	35.2x90.4x61
Weight (g)	65
Space occupied on DIN rail	2 unit

Protection class IP20.

DIMENSIONS









Solutions for indoor blinds

86. The advantages of the Era Inn system

89. How to choose the ideal motor

92. The Era Inn range of tubular motors

24. Control and programming systems

**74. DIN modules for advanced
building management**

76. Adapters and supports

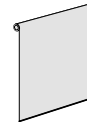
Shhh...Nice! Silence and comfort for all environments

The new Era Inn system is born,
the smart versatile system
for optimising natural light
and maximising energy efficiency
in buildings.

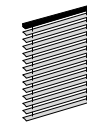
Designed for maximum low noise performance,
Era Inn is the perfect choice for all kinds of project:
residential, commercial, hotels and other public
spaces such as schools, hospitals and medical centres.

A complete range for automating interior blinds and projection
screens, and for guaranteeing the well-being in all indoor
environments.

**ROLLER
BLINDS**



**VENETIAN
BLINDS**



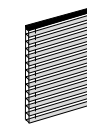
**ROMAN
BLINDS**



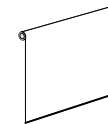
**PLEATED
BLINDS**



**SHANGRI-LA
BLINDS**



**PROJECTION
SCREENS**



Era Inn, for people...

In our homes

In our hotels and public spaces

In our offices and commercial spaces



Silent

Minimal vibrations during opening and closing guarantee the highest possible level of **acoustic comfort**.

Electronically controlled Soft Start and Soft Stop functions enable different acceleration and deceleration levels to be set in the sections near the limit switches.

Comfort

Perfect alignment under all load conditions during both opening and closing, even in multi-motor installations involving different size blinds and rollers.

Smart

The obstacle detection function can be enabled for both up and down manoeuvres.

Easy to install and use

Pushbuttons for quick and precise limit switch adjustment and two-colour diagnostic LEDs on the motor head.



InnovAction

The Nice Era Inn system was recognised as **the most innovative product** at the R+T Shanghai 2016 exhibition and won the **InnovAction Award**.



For indoor blinds

> Era Inn **Action**

> Era Inn **Edge**

> Era Inn **Smart**



FUNCTIONS AND CHARACTERISTICS	ACTION S AC	ACTION M AC	EDGE XS LDC	EDGE XS DC	EDGE S AC BD	EDGE S AC	EDGE S DC BD	EDGE S DC	EDGE M AC BD	EDGE M AC	EDGE M DC BD	EDGE M DC	SMART XS DC	SMART S AC	SMART S DC	SMART M AC	SMART M DC
	S Ø 35 mm	M Ø 45 mm	XS Ø 25 mm		S Ø 35 mm				M Ø 45 mm				XS Ø 25 mm	S Ø 35 mm		M Ø 45 mm	
Power Supply	100/240 Vac	100/240 Vac	12 Vdc	24 Vdc	100/240 Vac		24 Vdc		100/240 Vac		24 Vdc		24 Vdc	100/240 Vac	24 Vdc	100/240 Vac	24 Vdc
Electronic limit switch	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pull-out cable and mini-plug	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pushbuttons for millimetric limit switch adjustment	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Diagnostic LED	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Soft Start and Soft Stop	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Obstacle detection	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dry contact			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Adjustable speed			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Deceleration modulation			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Intermediate heights			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Adjustable manoeuvre duration			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Built-in radio receiver			•	•		•		•		•		•					
Built-in bidirectional radio receiver					•		•		•		•						
Bus T4 input													•	•	•	•	•

How to choose the ideal motor

Nice has prepared this simple guide with some examples to help determine the ideal torque for automating indoor blinds.

The following information is required:


- a. the diameter of the winding roller (mm);
- b. the blind surface area (m²);
- c. the thickness of the fabric (mm);
- d. the specific weight of the fabric (g/m²);
- e. the weight of the terminal bar (kg);
- f. the desired motor operating speed (less than or equal to rated speed, or higher than rated speed).

To establish the most suitable motor torque for automating your application, identify the section in the table corresponding to the diameter of the roller used and cross-reference this against the dimensions of the fabric and the bar, with the required blind movement speed.

The number shown in the specific box identifies the version (3 Nm - 6 Nm - 10 Nm) of motor suitable for the application.

Tubular motors Ø 35 mm and winding roller Ø 40 mm

Ø Roller (mm)		40																																		
Fabric thickness (mm)		0.5																																		
Specific weight of fabric (g/m ²)		300																																		
Speed		≤ Rated															> Rated																			
Weight of terminal bar (kg)		1					2					3					1					2					3									
Width (m)		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Height (m)	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	3	3	3	6	6
	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	3	3	3	6	6	3	3	6	6	6

 The values highlighted in yellow indicate cases in which blind dimensions and weight are reduced: in these cases, correct obstacle detection operation when lowering needs to be verified.

The actual torque value required to automate the application depends on the specific installation. In any installation, the performance of an automation may be reduced as a result of numerous factors (friction, misalignment...)

Warning: if the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

For special applications consult the technical sales office.


How to choose the ideal motor

Tubular motors Ø 35 mm and winding roller Ø 60 mm

Ø Roller (mm)		60																																		
Fabric thickness (mm)		0.5																																		
Specific weight of fabric (g/m ²)		300																																		
Speed		≤ Rated															> Rated																			
Weight of terminal bar (kg)		1					2					3					1					2					3									
Width (m)		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Height (m)	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	6
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	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	3	3	6	6	6	3	3	6	6	6	3	6	6	6	6	3	6	6	6	10

Tubular motors Ø 45 mm and winding roller Ø 50 mm

Ø Roller (mm)		50																																		
Fabric thickness (mm)		0.5																																		
Specific weight of fabric (g/m ²)		300																																		
Speed		≤ Rated															> Rated																			
Weight of terminal bar (kg)		1					2					3					1					2					3									
Width (m)		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Height (m)	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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 The values highlighted in yellow indicate cases in which blind dimensions and weight are reduced: in these cases, correct obstacle detection operation when lowering needs to be verified.

The actual torque value required to automate the application depends on the specific installation. In any installation, the performance of an automation may be reduced as a result of numerous factors (friction, misalignment...)

Warning: if the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

For special applications consult the technical sales office.


Tubular motors Ø 45 mm and winding roller Ø 70 mm

Ø Roller (mm)		70																																			
Fabric thickness (mm)		0.5																																			
Specific weight of fabric (g/m ²)		300																																			
Speed		≤ Rated															> Rated																				
Weight of terminal bar (kg)		1					2					3					1					2					3										
Width (m)		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
Height (m)	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	6	6			
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	6	3	3	3	6	6	3	6	6	6	6	6	6	6			
	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	3	3	6	6	6	3	3	3	6	6	3	6	6	6	10	10	10	10			
	5	3	3	3	3	3	3	3	3	3	6	3	3	3	6	6	3	3	6	6	6	3	3	6	6	10	6	6	6	10	10	10	10	10			

35 mm Ø and 45 mm Ø tubular motors and 78 mm Ø winding roller

Ø Roller (mm)		78														
Fabric thickness (mm)		0.5														
Specific weight of fabric (g/m ²)		300														
Bar weight (kg)		2.5							5							
Width (m)		2	2.5	3	3.5	4	4.5	5	2	2.5	3	3.5	4	4.5	5	
Height (m)	2	3	3	3	3	3	3	3	3	3	6	6	6	6	6	
	2.5	3	3	3	3	3	6	6	6	6	6	6	6	6	6	
	3	3	3	3	3	6	6	6	6	6	6	6	6	6	6	
	3.5	3	3	3	6	6	6	6	6	6	6	6	6	6	10	
	4	3	3	6	6	6	6	6	6	6	6	6	6	10	10	
	4.5	3	6	6	6	6	6	6	6	6	6	6	10	10	10	
5	3	6	6	6	6	6	6	6	6	6	10	10	10	10		






For special applications consult the technical sales office.

 The values highlighted in yellow indicate cases in which blind dimensions and weight are reduced. In these cases, correct obstacle detection during lowering must be verified.

The actual torque value required to automate the application depends on the specific installation. In any installation, the performance of an automation may be reduced as a result of numerous factors (friction, misalignment...)

Warning: if the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

Index of Era Inn tubular motors

						0,6 Nm	0,8 Nm	page	
ERA INN XS Ø 25 mm	electronic limit switch	without built-in radio receiver	with BusT4 input	24 Vdc	ERA INN SMART XS DC	•	•	96	
			 with external battery pack	12 Vdc	ERA INN EDGE XS LDC	•		94	
		with built-in radio receiver	 without BusT4 input	24 Vdc	ERA INN EDGE XS DC	•	•	95	
ERA INN S Ø 35 mm	electronic limit switch	without built-in radio receiver	without BusT4 input	100-240 Vac	ERA INN ACTION S AC	•	•	•	97
			with BusT4 input	100-240 Vac	ERA INN SMART S AC	•	•	•	104
		with built-in radio receiver	without BusT4 input	100-240 Vac	ERA INN SMART S DC	•	•	•	105
				24 Vdc	ERA INN EDGE S AC*	•	•	•	99
		 with built-in bidirectional radio receiver	without BusT4 input	for Shangri-la blinds	ERA INN EDGE SS AC	•	•		100
				for Venetian blinds	ERA INN EDGE SV AC	•	•		101
		 with built-in bidirectional radio receiver	without BusT4 input	24 Vdc	ERA INN EDGE S DC*	•	•	•	103
				100-240 Vac	ERA INN EDGE S AC BD	•	•	•	98
		 with built-in bidirectional radio receiver	without BusT4 input	24 Vdc	ERA INN EDGE S DC BD	•	•	•	102

*Available until December 31st 2019

**ERA INN M
Ø 45 mm**

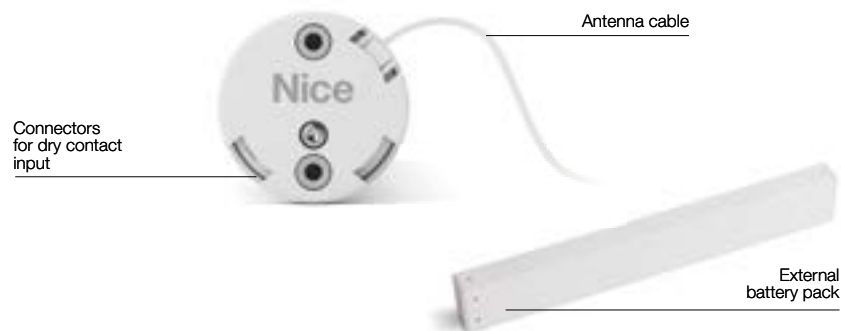
electronic
limit switch

					3 Nm	6 Nm	10 Nm	page
ERA INN M Ø 45 mm	without built-in radio receiver	without BusT4 input	100-240 Vac	ERA INN ACTION M AC	•	•	•	107
		with BusT4 input	100-240 Vac	ERA INN SMART M AC	•	•	•	112
	with built-in radio receiver	without BusT4 input	100-240 Vac	ERA INN EDGE M AC*	•	•	•	109
			24 Vdc	ERA INN EDGE M DC*	•	•	•	111
	with built-in bidirectional radio receiver	without BusT4 input	100-240 Vac	ERA INN EDGE M AC BD	•	•	•	108
		with BusT4 input	24 Vdc	ERA INN EDGE M DC BD	•	•	•	110



Era Inn Edge XS LDC

For indoor blinds, with external battery pack



Tubular motor with electronic limit switch, TBus technology, built-in receiver, with external battery pack.

XS size

Ø 25 mm

Silent

Minimum vibrations and extremely high level of quietness during operation for the highest acoustic comfort.

Noise 40 dBA.

Comfort

Tubular motor rotation speed is constant in all load conditions, thus guaranteeing, for installations with multiple blinds, **perfect alignment between all blinds when opening and closing.**

Possibility to set the up and down movement times.

Versatile

Thanks to its compact dimensions, the motor can be installed even in the tightest spaces.

Compatible with commercially available dry contact systems.

Easy to install

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- Via a **wireless** connection, using Nice transmitters.
- Via a **wired** connection, using the TTPRO palmtop programmer.

Increased acoustic and visual comfort

Soft Start and Soft Stop functions electronically controlled allow to set different levels of acceleration and deceleration in approach to the limit switches.

Easy programming and diagnostic

thanks to the feedback of the two-colour LED.

External battery pack

Guarantees one year of stand alone functionality of the automation without need to be connected to the power network.

Practical cable with connector

1.5 m long, which simplifies installation and maintenance operations.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE XSIX 0620 LDC	Kit for the automation of small interior blind containing 1 E EDGE XSI 0620 LDC tubular motor and 1 external battery pack MLPS12006	1	CE cUL US LISTED
E EDGE XSI 0620 LDC	Electronic limit switch, dry contact and built-in radio receiver. 12 Vdc, 0.6 Nm, 20 rpm	1	CE cUL US LISTED
MLPS12006	External power supply with 8 AA 1.5 V lithium batteries and support. 12 Vdc, 6 Watt	1	CE cUL US LISTED

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE XSI 0620 LDC
ELECTRICAL SPECIFICATIONS	
Power supply (Vdc)	12
Current draw (A)	0,5
Power (W)	6
PERFORMANCE	
Torque (Nm)	0,6
Rated speed (rpm)	20
Maximum speed (rpm)*	28
Minimum speed (rpm)	10
Noise (dBA)**	40
Number of turns before the stop	<200
Continuous operating time (min)	10
Lifted weight (kg)***	3,7
DIMENSIONAL DATA	
Length (L) (mm)	296
Cable length (m)	1,5
Weight of motor (kg)	0,3
Operating temperature (°C Min/Max)	0 ÷ 60
Pack dimensions (mm)	320x65x65

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced at 0.3 Nm.

**Indicative value calculated at rated load with a 30 mm diameter roller. The actual value may vary depending on the specific application.

*** Indicative value calculated with a 30 mm diameter roller. The actual value may vary depending on the specific application.

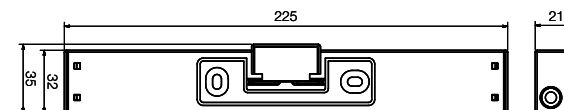
POWER CABLE

Length 1.5 m, jack connector Ø 2.5 mm

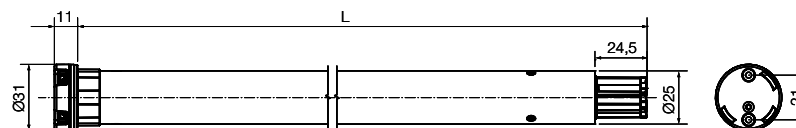


DIMENSIONI

External power supply MLPS12006



DIMENSIONS



Era Inn Edge XS DC

For small indoor blinds



Tubular motor with electronic limit switch, practical dry contact input and built-in receiver.

XS size

Ø 25 mm

Minimum vibrations and silent operation

for maximum acoustic comfort.

Noise 40 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Thanks to its compact dimensions, the motor can be installed in even the smallest of spaces.

Adjustable up and down speed.

Compatible with commercially available dry contact systems.

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, through Nice transmitters.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy savings

Low consumption both during motor operation (0.5 A) and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE XSI 0628 DC	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 0.6 Nm, 28 rpm	1	CE cUL US LISTED SASO
E EDGE XSI 0820 DC	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 0.8 Nm, 20 rpm	1	CE cUL US LISTED SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE XSI 0628 DC	E EDGE XSI 0820 DC
ELECTRICAL SPECIFICATIONS		
Power supply (Vdc)	24	
Absorption (A)	0.5	
Power (W)	12	
Power consumption in standby (W)	<0.5	
PERFORMANCE		
Torque (Nm)	0.6	0.8
Rated speed (rpm)	28	20
Maximum speed (rpm)*	28	
Minimum speed (rpm)	10	
Noise (dBA)**	42	40
Number of turns before the stop	<200	
Continuous operating time (min)	10	
Lifted weight (kg)***	3.7	4.9
DIMENSIONAL DATA		
Length (L) (mm)	296	
Cable length (m)	1.5	
Weight of motor (kg)	0.3	
Operating temperature (°C Min/Max)	0 - 60	
Pack dimensions (mm)	320x65x65	

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced to 0.6 Nm.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

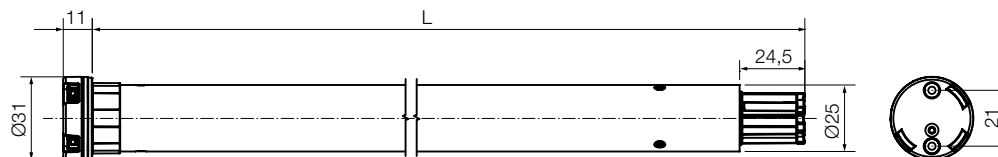
***Indicative value calculated with a 30 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 2 wires in cable

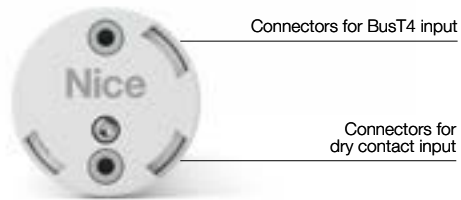


DIMENSIONS



Era Inn Smart XS DC

For small indoor blinds, integration with Building Automation systems



Tubular motor with electronic limit switch, practical dry contact and BusT4 inputs on the motor head.

XS size

Ø 25 mm

Minimum vibrations and silent operation

for maximum acoustic comfort.

Noise 40 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Thanks to its compact dimensions, the motor can be installed in even the smallest of spaces.

Adjustable up and down speed.

Compatible with KNX and the protocols most widely used in the building automation sector via the DMKNX and DMBM modules.

Compatible with commercially available dry contact systems.

Ease of installation and programming thanks to the Nice Screen Configuration Tool.

Each motor can be programmed individually, without needing to power off the other motors in the same system.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy savings

Low consumption both during motor operation (0.5 A) and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E SMART XSI 0628 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 0.6 Nm, 28 rpm	1	CE cUL US LISTED SASO
E SMART XSI 0820 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 0.8 Nm, 20 rpm	1	CE cUL US LISTED SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E SMART XSI 0628 DC	E SMART XSI 0820 DC
ELECTRICAL SPECIFICATIONS		
Power supply (Vdc)	24	
Absorption (A)	0.5	
Power (W)	12	
Power consumption in standby (W)	<0.5	
PERFORMANCE		
Torque (Nm)	0.6	0.8
Rated speed (rpm)	28	20
Maximum speed (rpm)*	28	
Minimum speed (rpm)	10	
Noise (dBA)**	42	40
Number of turns before the stop	<200	
Continuous operating time (min)	10	
Lifted weight (kg)***	3.7	4.9
DIMENSIONAL DATA		
Length (L) (mm)	296	
Cable length (m)	1.5	
Weight of motor (kg)	0.3	
Operating temperature (°C Min/Max)	0 - 60	
Pack dimensions (mm)	320x65x65	

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced to 0.6 Nm.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

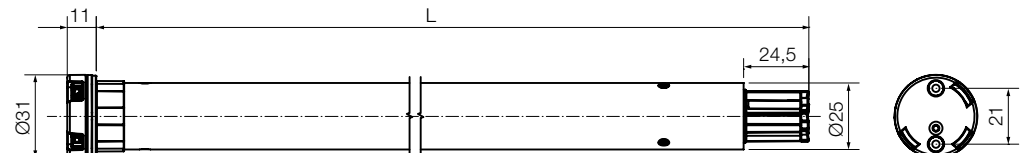
***Indicative value calculated with a 30 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 2 wires in cable



DIMENSIONS



Era Inn Action S AC

For indoor blinds, with electronic limit switch



Tubular motor with electronic limit switch.

S size
Ø 35 mm

Minimum vibrations and silent operation for maximum acoustic comfort.
Noise 35 dBA.

Perfect alignment between the blinds, even with multiple installations with blinds of the same size: constant motor rotation speed in all load conditions.

Possibility to activate the **obstacle detection function** when both opening and closing.

Acoustic and visual comfort
Electronically controlled Soft Start and Soft Stop functions: preset acceleration and deceleration levels in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy savings
Low consumption both during motor operation and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E ACTION SI 332 AC	Electronic limit switch. 100-240 Vac, 3 Nm, 32 rpm	1	CE, UL US LISTED, SASO
E ACTION SI 620 AC	Electronic limit switch. 100-240 Vac, 6 Nm, 20 rpm	1	CE, UL US LISTED, SASO
E ACTION SI 1012 AC	Electronic limit switch. 100-240 Vac, 10 Nm, 12 rpm	1	CE, UL US LISTED, SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E ACTION SI 332 AC	E ACTION SI 620 AC	E ACTION SI 1012 AC
ELECTRICAL SPECIFICATIONS			
Power supply (Vac/Hz)	100-240 / 50-60		
Current draw (A)	0.6	0.8	
Power (W)	40	50	40
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32	20	12
Noise (dBA)*	35		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)**	12	22	34
DIMENSIONAL DATA			
Length (L) (mm)	744		
Cable length (m)	1.5		
Weight of motor (kg)	1.5		
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

*Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

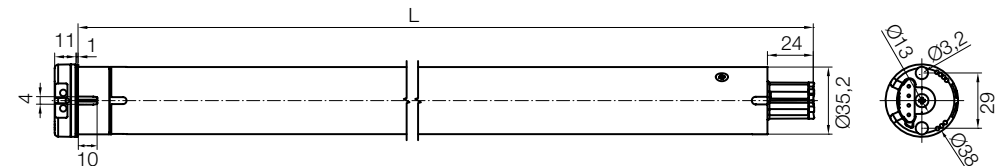
**Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 4 wires in cable



DIMENSIONS



Era Inn Edge^S AC BD

For indoor blinds, with built-in bidirectional radio receiver



Tubular motor with electronic limit switch, practical dry contact input and built-in bidirectional radio receiver.

S Size Ø 35 mm

Smart

The Nice bidirectional radio protocol enables confirmation of correct reception of the command by the automation and the possibility of checking the position of the indoor blind.

As it also supports the Nice mesh network function, the motor can route the radio command, thus extending the radio range of the system.

Minimum vibrations and silent operation for maximum acoustic comfort. **Noise 35 dBA.**

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting the duration of up and down movements.

Possibility of activating the **obstacle detection function** during both opening and closing.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, using Nice transmitters or the TTPRO BD palmtop programmer.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE SI 332 AC BD	Electronic limit switch, dry contact and built-in radio receiver. 100-240 VAC, 3 Nm, 32 rpm	1	CE cUL US LISTED
E EDGE SI 620 AC BD	Electronic limit switch, dry contact and built-in radio receiver. 100-240 VAC, 6 Nm, 20 rpm	1	CE cUL US LISTED
E EDGE SI 1012 AC BD	Electronic limit switch, dry contact and built-in radio receiver. 100-240 VAC, 10 Nm, 12 rpm	1	CE cUL US LISTED

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE SI 332 AC BD	E EDGE SI 620 AC BD	E EDGE SI 1012 AC BD
ELECTRICAL SPECIFICATIONS			
Power supply (VAC/Hz)	100-240 / 50-60		
Absorption (A)	0.6	0.8	
Power (W)	40	50	40
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32	20	12
Maximum speed (rpm)*	48	32	20
Minimum speed (rpm)	16	10	5
Noise (dBA)**	35		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	12	22	34
DIMENSIONAL DATA			
Length (L) (mm)	744		
Cable length (m)	1.5		
Weight of motor (kg)	1.5		
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

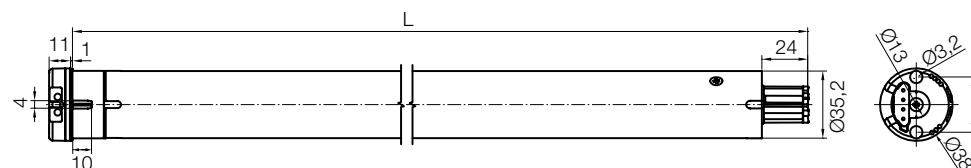
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

PULL-OUT POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Edge^S AC

For indoor blinds, with built-in radio receiver



Tubular motor with electronic limit switch, practical dry contact input and built-in receiver.

S Size

Ø 35 mm

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 35 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, through Nice transmitters.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE SI 332 AC*	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 3 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E EDGE SI 620 AC*	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 6 Nm, 20 rpm	1	CE cUL US LISTED TÜV SASO
E EDGE SI 1012 AC*	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 10 Nm, 12 rpm	1	CE cUL US LISTED TÜV SASO

NB: When ordering, please specify the certification required. *Available until December 31st 2019

TECHNICAL SPECIFICATION

Code	E EDGE SI 332 AC	E EDGE SI 620 AC	E EDGE SI 1012 AC
ELECTRICAL SPECIFICATIONS			
Power supply (Vac/Hz)	100-240 / 50-60		
Current draw (A)	0.6	0.8	
Power (W)	40	50	40
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32	20	12
Maximum speed (rpm)*	48	32	20
Minimum speed (rpm)	16	10	5
Noise (dBA)**	35		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	12	22	34
DIMENSIONAL DATA			
Length (L) (mm)	744		
Cable length (m)	1.5		
Weight of motor (kg)	1.5		
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

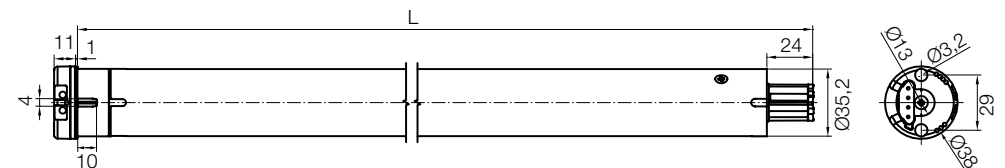
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Edge SS AC

For automating shangri-la indoor blinds



Tubular motor with electronic limit switch, practical dry contact input and built-in receiver.

S Size

Ø 35 mm

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 35 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

The "tilting" function allows the slant of the slats to be adjusted when the blinds are completely unwound.

The required tilting position can be recalled using the up and down keys on the transmitter, or the slider on Agio and Era P Vario transmitters.

Go To Position function: just a simple touch on the slider of the transmitter will take the blind

to the position corresponding to the pressure point, from 0 to 100% of travel.

Maximum slat tilt can be programmed and intermediate positions can be memorised.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, through Nice transmitters.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Quick precise limit switch adjustment with two buttons on the motor head.

Facilitated programming thanks to the two-colour diagnostic LED.

Code	Description	Pcs./pack	Certificates
E EDGE SS 332 AC	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 3 Nm, 32 rpm. For shangri-la blinds	1	CE cUL US LISTED SASO
E EDGE SS 620 AC	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 6 Nm, 20 rpm. For shangri-la blinds	1	CE cUL US LISTED SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE SS 332 AC	E EDGE SS 620 AC
ELECTRICAL SPECIFICATIONS		
Power supply (Vac/Hz)	100-240 / 50-60	
Current draw (A)	0.6	0.8
Power (W)	40	50
Power consumption in standby (W)	<0.5	
PERFORMANCE		
Torque (Nm)	3	6
Rated speed (rpm)	32	20
Maximum speed (rpm)*	48	32
Minimum speed (rpm)	16	10
Noise (dBA)**	35	
Number of turns before the stop	<150	
Continuous operating time (min)	10	6
Lifted weight (kg)***	12	22
DIMENSIONAL DATA		
Length (L) (mm)	744	
Cable length (m)	1.5	
Weight of motor (kg)	1.5	
Operating temperature (°C Min/Max)	0 - 60	
Pack dimensions (mm)	795x100x100	

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

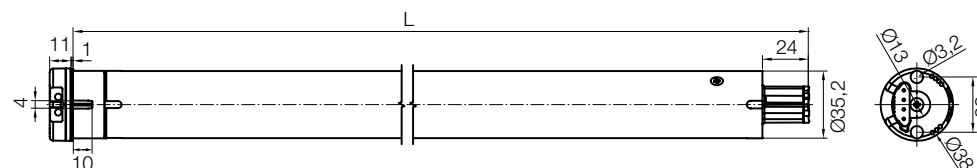
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Edge SV AC

For automating indoor Venetian blinds



Tubular motor with electronic limit switch, practical dry contact input and built-in receiver.

S Size

Ø 35 mm

Minimum vibrations and silent operation for maximum acoustic comfort.
Noise 35 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

The "Tilting" function allows the slant of the slats to be adjusted when the blinds are completely unwound. The required tilting position can be recalled using the up and down keys on the transmitter, or the slider on Agio and Era P Vario transmitters.

Go To Position function: just a simple touch on the slider of the transmitter will take the blind to the position corresponding to the pressure point, from 0 to 100% of travel.

Maximum slat tilt can be programmed and intermediate positions can be memorised.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, through Nice transmitters.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Code	Description	Pcs./pack	Certificates
E EDGE SV 332 AC	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 3 Nm, 32 rpm. For indoor Venetian blinds	1	CE cULUS LISTED T SASO
E EDGE SV 620 AC	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 6 Nm, 20 rpm. For indoor Venetian blinds	1	CE cULUS LISTED T SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE SV 332 AC	E EDGE SV 620 AC
ELECTRICAL SPECIFICATIONS		
Power supply (Vac/Hz)	100-240 / 50-60	
Current draw (A)	0.6	0.8
Power (W)	40	50
Power consumption in standby (W)	<0.5	
PERFORMANCE		
Torque (Nm)	3	6
Rated speed (rpm)	32	20
Maximum speed (rpm)*	48	32
Minimum speed (rpm)	16	10
Noise (dBA)**	35	
Number of turns before the stop	<150	
Continuous operating time (min)	10	6
Lifted weight (kg)***	12	22
DIMENSIONAL DATA		
Length (L) (mm)	744	
Cable length (m)	1.5	
Weight of motor (kg)	1.5	
Operating temperature (°C Min/Max)	0 - 60	
Pack dimensions (mm)	795x100x100	

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

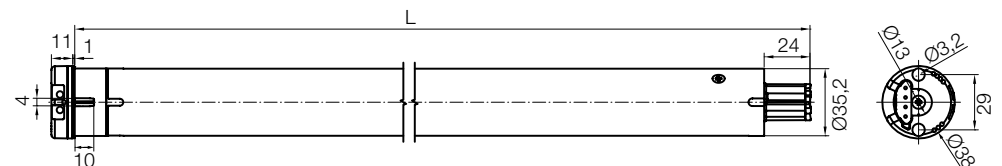
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Edge^S DC BD



Tubular motor with electronic limit switch, practical dry contact input and built-in bidirectional radio receiver.

S Size Ø 35 mm

Smart

The Nice bidirectional radio protocol enables confirmation of correct reception of the command by the automation and the possibility of checking the position of the indoor blind.

As it also supports the Nice mesh network function, the motor can route the radio command, thus extending the radio range of the system.

Minimum vibrations and silent operation for maximum acoustic comfort. **Noise 35 dBA.**

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting the duration of up and down movements.

Possibility of activating the **obstacle detection function** during both opening and closing. **Thanks to its compact dimensions, the motor can be installed in even the smallest of spaces.**

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, using Nice transmitters or the TTPRO BD palmtop programmer.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE SI 332 DC BD	Electronic limit switch, dry contact and built-in radio receiver. 24 VDC, 3 Nm, 32 rpm	1	CE cUL US LISTED
E EDGE SI 620 DC BD	Electronic limit switch, dry contact and built-in radio receiver. 24 VDC, 6 Nm, 20 rpm	1	CE cUL US LISTED
E EDGE SI 1012 DC BD	Electronic limit switch, dry contact and built-in radio receiver. 24 VDC, 10 Nm, 12 rpm	1	CE cUL US LISTED

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE SI 332 DC BD	E EDGE SI 620 DC BD	E EDGE SI 1012 DC BD
ELECTRICAL SPECIFICATIONS			
Power supply (VDC)	24		
Absorption (A)	1.5	2	1.6
Power (W)	36	50	40
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32	20	12
Maximum speed (rpm)*	48	32	20
Minimum speed (rpm)	16	10	5
Noise (dBA)**	35		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	12	22	34
DIMENSIONAL DATA			
Length (L) (mm)	472		
Cable length (m)	1.5		
Weight of motor (kg)	1.1		
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	595x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

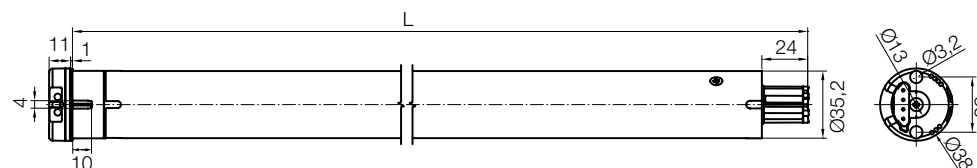
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

PULL-OUT POWER CABLE

Length 1.5 m, 2 wires in cable



DIMENSIONS



Era Inn Edge S DC

For indoor blinds, with built-in radio receiver



Tubular motor with electronic limit switch, practical dry contact input and built-in receiver.

S Size

Ø 35 mm

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 35 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Thanks to its compact dimensions, the motor can be installed in even the smallest of spaces.

Adjustable up and down speed.

Compatible with commercially available dry contact systems.

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, through Nice transmitters.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE SI 332 DC*	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 3 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E EDGE SI 620 DC*	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 6 Nm, 20 rpm	1	CE cUL US LISTED TÜV SASO
E EDGE SI 1012 DC*	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 10 Nm, 12 rpm	1	CE cUL US LISTED TÜV SASO

NB: When ordering, please specify the certification required. *Available until December 31st 2019

TECHNICAL SPECIFICATION

Code	E EDGE SI 332 DC	E EDGE SI 620 DC	E EDGE SI 1012 DC
ELECTRICAL SPECIFICATIONS			
Power supply (Vdc)	24		
Absorption (A)	1.5	2	1.6
Power (W)	36	50	40
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32	20	12
Maximum speed (rpm)*	48	32	20
Minimum speed (rpm)	16	10	5
Noise (dBA)**	35		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	12	22	34
DIMENSIONAL DATA			
Length (L) (mm)	472		
Cable length (m)	1.5		
Weight of motor (kg)	1.1		
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	595x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

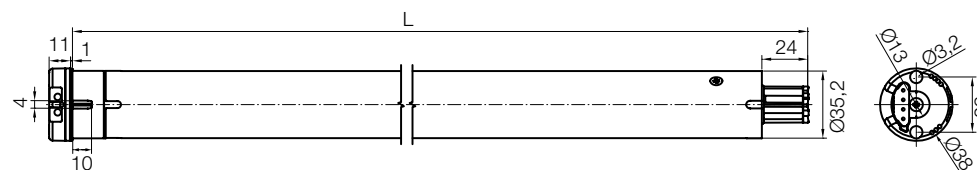
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 2 wires in cable



DIMENSIONS



Era Inn Smart S AC

Integration with Building Automation systems



Tubular motor with electronic limit switch, practical dry contact and BusT4 inputs on the motor head.

S Size

Ø 35 mm

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 35 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Adjustable up and down speed.

Compatible with KNX and the protocols most widely used in the building automation sector via the DMKNX and DMBM modules.

Compatible with commercially available dry contact systems.

Ease of installation and programming thanks to the Nice Screen Configuration Tool.

Each motor can be programmed individually, without needing to power off the other motors in the same system.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation (0.5 A) and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E SMART SI 332 AC	Electronic limit switch, dry contact, BusT4. 100-240 Vac, 3 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E SMART SI 620 AC	Electronic limit switch, dry contact, BusT4. 100-240 Vac, 6 Nm, 20 rpm	1	CE cUL US LISTED TÜV SASO
E SMART SI 1012 AC	Electronic limit switch, dry contact, BusT4. 100-240 Vac, 10 Nm, 12 rpm	1	CE cUL US LISTED TÜV SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E SMART SI 332 AC	E SMART SI 620 AC	E SMART SI 1012 AC
ELECTRICAL SPECIFICATIONS			
Power supply (Vac/Hz)	100-240 / 50-60		
Current draw (A)	0.6	0.8	
Power (W)	40	50	40
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32	20	12
Maximum speed (rpm)*	48	32	20
Minimum speed (rpm)	16	10	5
Noise (dBA)**	35		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	12	22	34
DIMENSIONAL DATA			
Length (L) (mm)	744		
Cable length (m)	1.5		
Weight of motor (kg)	1.5		
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

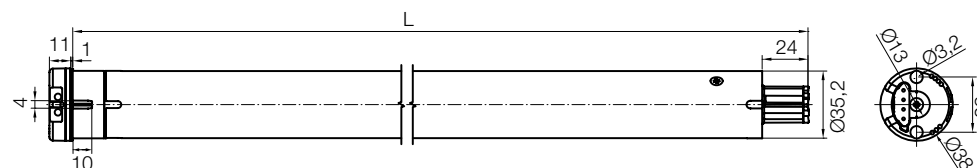
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Smart S DC

Integration with Building Automation systems



Tubular motor with electronic limit switch, practical dry contact and BusT4 inputs on the motor head.

S Size

Ø 35 mm

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 35 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Thanks to its compact dimensions, the motor can be installed in even the smallest of spaces.

Adjustable up and down speed.

Compatible with KNX and the protocols most widely used in the building automation sector via the DMKNX and DMBM modules.

Compatible with commercially available **dry contact systems.**

Ease of installation and programming thanks to the Nice Screen Configuration Tool.

Each motor can be programmed individually, without needing to power off the other motors in the same system.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation (0.5 A) and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E SMART SI 332 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 3 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E SMART SI 620 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 6 Nm, 20 rpm	1	CE cUL US LISTED TÜV SASO
E SMART SI 1012 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 10 Nm, 12 rpm	1	CE cUL US LISTED TÜV SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E SMART SI 332 DC	E SMART SI 620 DC	E SMART SI 1012 DC
ELECTRICAL SPECIFICATIONS			
Power supply (Vdc)	24		
Absorption (A)	1.5	2	1.6
Power (W)	36	50	40
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32	20	12
Maximum speed (rpm)*	48	32	20
Minimum speed (rpm)	16	10	5
Noise (dBA)**	35		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	12	22	34
DIMENSIONAL DATA			
Length (L) (mm)	472		
Cable length (m)	1.5		
Weight of motor (kg)	1.1		
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	595x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

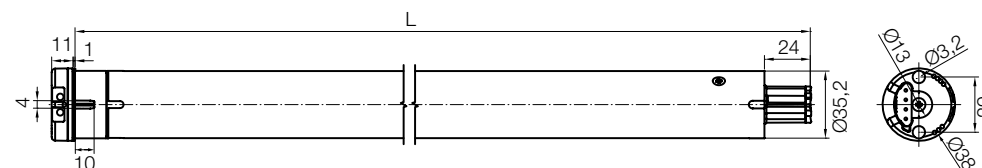
***Indicative value calculated with a 40 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 2 wires in cable



DIMENSIONS





Era Inn Action M AC

For indoor blinds, with electronic limit switch

Pushbuttons for precise and quick limit switch adjustment



Tubular motor with electronic limit switch.

M size
Ø 45 mm

Minimum vibrations and silent operation for maximum acoustic comfort.
Noise 33 dBA.

Perfect alignment between the blinds, even with multiple installations with blinds of the same size: constant motor rotation speed in all load conditions.

Possibility to activate the **obstacle detection function** when both opening and closing.

Acoustic and visual comfort
Electronically controlled Soft Start and Soft Stop functions: preset acceleration and deceleration levels in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving
Low consumption both during motor operation and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E ACTION MI 332 AC	Electronic limit switch. 100-240 Vac, 3 Nm, 32 rpm	1	CE, UL US LISTED, SASO
E ACTION MI 632 AC	Electronic limit switch. 100-240 Vac, 6 Nm, 32 rpm	1	CE, UL US LISTED, SASO
E ACTION MI 1020 AC	Electronic limit switch. 100-240 Vac, 10 Nm, 20 rpm	1	CE, UL US LISTED, SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E ACTION MI 332 AC	E ACTION MI 632 AC	E ACTION MI 1020 AC
ELECTRICAL SPECIFICATIONS			
Power supply (Vac/Hz)	100-240 / 50-60		
Current draw (A)	0.8	0.95	1.1
Power (W)	45	70	
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32		20
Noise (dBA)*	33		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)**	10	18	29
DIMENSIONAL DATA			
Length (L) (mm)	759		
Cable length (m)	1.5		
Weight of motor (kg)	2	2.1	
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

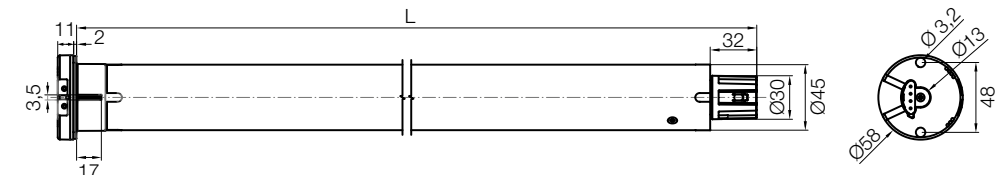
*Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.
**Indicative value calculated with a 50 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 4 wires in cable



DIMENSIONS



Era Inn Edge^M AC BD

For indoor blinds, with built-in bidirectional radio receiver

Antenna cable



Pushbuttons for precise and quick limit switch adjustment

Connectors for dry contact input

Tubular motor with electronic limit switch, practical dry contact input and built-in bidirectional radio receiver.

M size Ø 45 mm

Smart

The Nice bidirectional radio protocol enables confirmation of correct reception of the command by the automation and the possibility of checking the position of the indoor blind.

As it also supports the Nice mesh network function, the motor can route the radio command, thus extending the radio range of the system.

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 33 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting the duration of up and down movements.

Possibility of activating the **obstacle detection function** during both opening and closing.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- Via radio, using Nice transmitters or the TTPRO BD palmtop programmer.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE MI 332 AC BD	Electronic limit switch, dry contact and built-in radio receiver. 100-240 VAC, 3 Nm, 32 rpm	1	CE cUL US LISTED
E EDGE MI 632 AC BD	Electronic limit switch, dry contact and built-in radio receiver. 100-240 VAC, 6 Nm, 32 rpm	1	CE cUL US LISTED
E EDGE MI 1020 AC BD	Electronic limit switch, dry contact and built-in radio receiver. 100-240 VAC, 10 Nm, 20 rpm	1	CE cUL US LISTED

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE MI 332 AC BD	E EDGE MI 632 AC BD	E EDGE MI 1020 AC BD
ELECTRICAL SPECIFICATIONS			
Power supply (VAC/Hz)	100-240 / 50-60		
Absorption (A)	0.8	0.95	1.1
Power (W)	45	70	
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32		20
Maximum speed (rpm)*	48		32
Minimum speed (rpm)	16		10
Noise (dBA)**	33		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	10	18	29
DIMENSIONAL DATA			
Length (L) (mm)	759		
Cable length (m)	1.5		
Weight of motor (kg)	2	2.1	
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

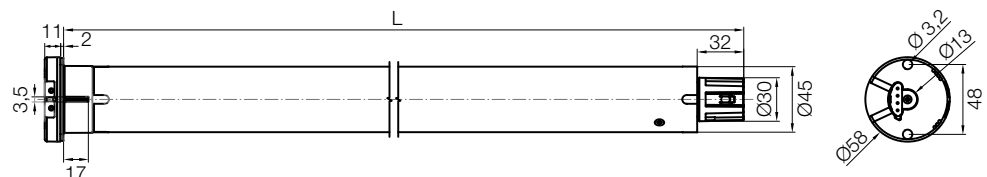
***Indicative value calculated with a 50 mm diameter roller. The actual value may vary depending on the specific installation.

PULL-OUT POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Edge M AC

For indoor blinds, with built-in radio receiver



Tubular motor with electronic limit switch, practical dry contact input and built-in receiver.

M size

Ø 45 mm

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 33 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, through Nice transmitters.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE MI 332 AC*	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 3 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E EDGE MI 632 AC*	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 6 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E EDGE MI 1020 AC*	Electronic limit switch, dry contact and built-in radio receiver. 100-240 Vac, 10 Nm, 20 rpm	1	CE cUL US LISTED TÜV SASO

NB: When ordering, please specify the certification required. *Available until December 31st 2019

TECHNICAL SPECIFICATION

Code	E EDGE MI 332 AC	E EDGE MI 632 AC	E EDGE MI 1020 AC
ELECTRICAL SPECIFICATIONS			
Power supply (Vac/Hz)	100-240 / 50-60		
Current draw (A)	0.8	0.95	1.1
Power (W)	45	70	
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32		20
Maximum speed (rpm)*	48		32
Minimum speed (rpm)	16		10
Noise (dBA)**	33		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	10	18	29
DIMENSIONAL DATA			
Length (L) (mm)	759		
Cable length (m)	1.5		
Weight of motor (kg)	2	2.1	
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

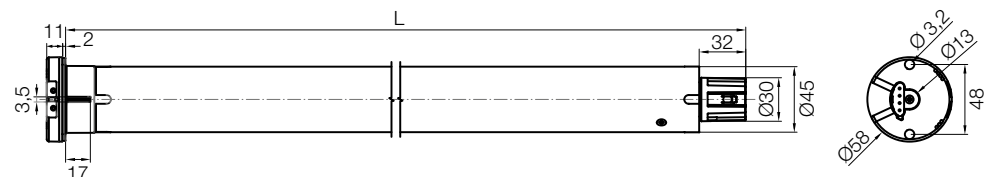
***Indicative value calculated with a 50 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Edge^M DC BD

For indoor blinds, with built-in bidirectional radio receiver

Antenna cable



Pushbuttons for precise and quick limit switch adjustment

Connectors for dry contact input

Tubular motor with electronic limit switch, practical dry contact input and built-in bidirectional radio receiver.

M size Ø 45 mm

Smart

The Nice bidirectional radio protocol enables confirmation of correct reception of the command by the automation and the possibility of checking the position of the indoor blind.

As it also supports the Nice mesh network function, the motor can route the radio command, thus extending the radio range of the system.

Minimum vibrations and silent operation for maximum acoustic comfort.

Noise 33 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting the duration of up and down movements.

Possibility of activating the **obstacle detection function** during both opening and closing.

Thanks to its compact dimensions, the motor can

be installed in even the smallest of spaces.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, using Nice transmitters or the TTPRO BD palmtop programmer.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE MI 332 DC BD	Electronic limit switch, dry contact and built-in radio receiver. 24 VDC, 3 Nm, 32 rpm	1	CE cUL US LISTED
E EDGE MI 632 DC BD	Electronic limit switch, dry contact and built-in radio receiver. 24 VDC, 6 Nm, 32 rpm	1	CE cUL US LISTED
E EDGE MI 1020 DC BD	Electronic limit switch, dry contact and built-in radio receiver. 24 VDC, 10 Nm, 20 rpm	1	CE cUL US LISTED

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E EDGE MI 332 DC BD	E EDGE MI 632 DC BD	E EDGE MI 1020 DC BD
ELECTRICAL SPECIFICATIONS			
Power supply (VDC)	24		
Absorption (A)	1.5	3	
Power (W)	36	70	
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32		20
Maximum speed (rpm)*	48		32
Minimum speed (rpm)	16		10
Noise (dBA)**	33		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	10	18	29
DIMENSIONAL DATA			
Length (L) (mm)	486		
Cable length (m)	1.5		
Weight of motor (kg)	1.5	1.6	
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	595x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

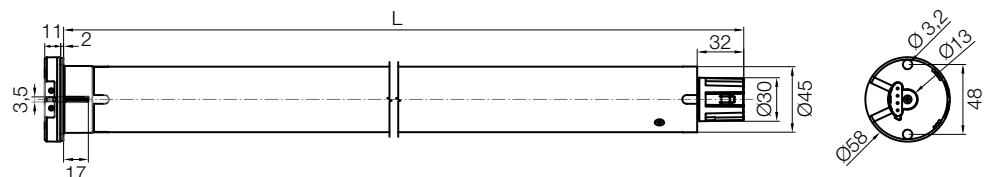
***Indicative value calculated with a 50 mm diameter roller. The actual value may vary depending on the specific installation.

PULL-OUT POWER CABLE

Length 1.5 m, 2 wires in cable



DIMENSIONS



Era Inn Edge M DC

For indoor blinds, with built-in radio receiver



Tubular motor with electronic limit switch, practical dry contact input and built-in receiver.

M size
Ø 45 mm

Minimum vibrations and silent operation for maximum acoustic comfort.
Noise 33 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Thanks to its compact dimensions, the motor can be installed in even the smallest of spaces.

Adjustable up and down speed.

Compatible with commercially available **dry contact systems.**

Simple installation

Each motor can be programmed individually, without needing to power off the other motors in the same system.

- **Via radio**, through Nice transmitters.
- **Via a wired connection**, using the TTPRO palmtop programmer.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E EDGE MI 332 DC*	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 3 Nm, 32 rpm	1	CE, SASO, UL LISTED
E EDGE MI 632 DC*	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 6 Nm, 32 rpm	1	CE, SASO, UL LISTED
E EDGE MI 1020 DC*	Electronic limit switch, dry contact and built-in radio receiver. 24 Vdc, 10 Nm, 20 rpm	1	CE, SASO, UL LISTED

NB: When ordering, please specify the certification required. *Available until December 31st 2019.

TECHNICAL SPECIFICATION

Code	E EDGE MI 332 DC	E EDGE MI 632 DC	E EDGE MI 1020 DC
ELECTRICAL SPECIFICATIONS			
Power supply (Vdc)	24		
Absorption (A)	1.5	3	
Power (W)	36	70	
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32		20
Maximum speed (rpm)*	48		32
Minimum speed (rpm)	16		10
Noise (dBA)**	33		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	10	18	29
DIMENSIONAL DATA			
Length (L) (mm)	486		
Cable length (m)	1.5		
Weight of motor (kg)	1.5	1.6	
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	595x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

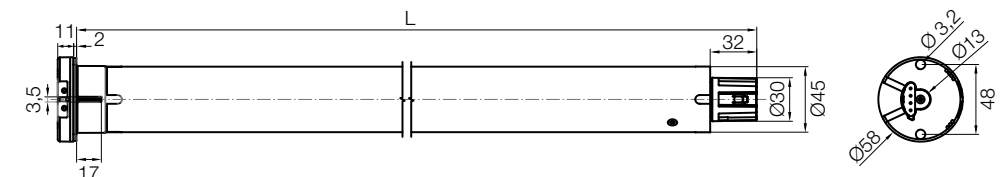
***Indicative value calculated with a 50 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 2 wires in cable



DIMENSIONS



Era Inn Smart M AC

Integration with Building Automation systems



Tubular motor with electronic limit switch, practical dry contact and BusT4 inputs on the motor head.

M size
Ø 45 mm

Minimum vibrations and silent operation for maximum acoustic comfort.
Noise 33 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Adjustable up and down speed.

Compatible with KNX and the protocols most widely used in the building automation sector via the DMKNX and DMBM modules.

Compatible with commercially available **dry contact systems.**

Ease of installation and programming thanks to the Nice Screen Configuration Tool.

Each motor can be programmed individually, without needing to power off the other motors in the same system.

Acoustic and visual comfort

Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving

Low consumption both during motor operation (0.5 A) and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E SMART MI 332 AC	Electronic limit switch, dry contact, BusT4. 100-240 Vac, 3 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E SMART MI 632 AC	Electronic limit switch, dry contact, BusT4. 100-240 Vac, 6 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E SMART MI 1020 AC	Electronic limit switch, dry contact, BusT4. 100-240 Vac, 10 Nm, 20 rpm	1	CE cUL US LISTED TÜV SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E SMART MI 332 AC	E SMART MI 632 AC	E SMART MI 1020 AC
ELECTRICAL SPECIFICATIONS			
Power supply (Vac/Hz)	100-240 / 50-60		
Current draw (A)	0.8	0.95	1.1
Power (W)	45	70	
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32		20
Maximum speed (rpm)*	48		32
Minimum speed (rpm)	16	10	
Noise (dBA)**	33		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	10	18	29
DIMENSIONAL DATA			
Length (L) (mm)	759		
Cable length (m)	1.5		
Weight of motor (kg)	2	2.1	
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	795x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

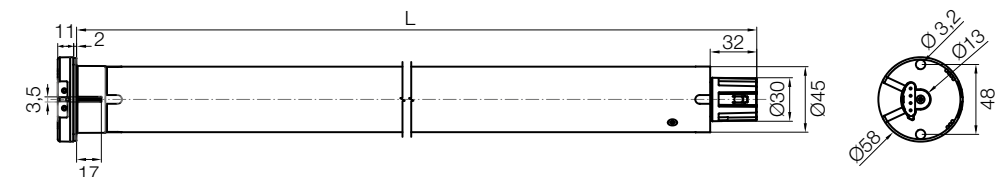
***Indicative value calculated with a 50 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 3 wires in cable



DIMENSIONS



Era Inn Smart M DC

Integration with Building Automation systems



Tubular motor with electronic limit switch, practical dry contact and BusT4 inputs on the motor head.

M size
Ø 45 mm

Minimum vibrations and silent operation for maximum acoustic comfort.
Noise 33 dBA.

Perfect alignment between the blinds, even with multiple installations: constant motor rotation speed in all load conditions and the possibility of setting up and down movement durations.

Possibility to activate the **obstacle detection function** when both opening and closing.

Thanks to its compact dimensions, the motor can be installed in even the smallest of spaces.

Adjustable up and down speed.

Compatible with KNX and the protocols most widely used in the building automation sector via the DMKNX and DMBM modules.

Compatible with commercially available **dry contact systems.**

Ease of installation and programming thanks to the Nice Screen Configuration Tool. Each motor can be programmed individually, without needing to power off the other motors in the same system.

Acoustic and visual comfort Electronically controlled Soft Start and Soft Stop functions allow different acceleration and deceleration levels to be set in the sections near the limit switches.

Facilitated programming thanks to the two-colour diagnostic LED.

Energy saving Low consumption both during motor operation (0.5 A) and in standby (<0.5 W).

Practical 1.5 m long cable with connector to simplify installation and maintenance.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
E SMART MI 332 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 3 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E SMART MI 632 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 6 Nm, 32 rpm	1	CE cUL US LISTED TÜV SASO
E SMART MI 1020 DC	Electronic limit switch, dry contact, BusT4. 24 Vdc, 10 Nm, 20 rpm	1	CE cUL US LISTED TÜV SASO

NB: When ordering, please specify the certification required.

TECHNICAL SPECIFICATION

Code	E SMART MI 332 DC	E SMART MI 632 DC	E SMART MI 1020 DC
ELECTRICAL SPECIFICATIONS			
Power supply (Vdc)	24		
Absorption (A)	1.5	3	
Power (W)	36	70	
Power consumption in standby (W)	<0.5		
PERFORMANCE			
Torque (Nm)	3	6	10
Rated speed (rpm)	32		20
Maximum speed (rpm)*	48		32
Minimum speed (rpm)	16		10
Noise (dBA)**	33		
Number of turns before the stop	<150		
Continuous operating time (min)	10	6	
Lifted weight (kg)***	10	18	29
DIMENSIONAL DATA			
Length (L) (mm)	486		
Cable length (m)	1.5		
Weight of motor (kg)	1.5	1.6	
Operating temperature (°C Min/Max)	0 - 60		
Pack dimensions (mm)	595x100x100		

Protection class IP30.

*If the set speed is higher than the rated speed, motor torque is automatically reduced by 50%.

**Noise levels have been measured in accordance with EN ISO 3745, EN ISO 3746 and EN 60704-1, expressing the sound power emitted by the source in dBA.

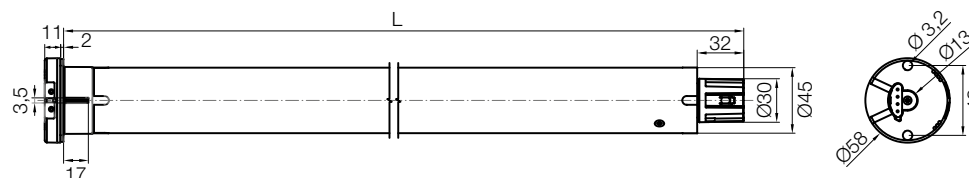
***Indicative value calculated with a 50 mm diameter roller. The actual value may vary depending on the specific installation.

POWER CABLE

Length 1.5 m, 2 wires in cable



DIMENSIONS



Power supplies and cables

For the Era Inn system

MHPS, high-power power supplies for 24 Vdc tubular motors.

Greater safety



MHPS power supplies (Module High Power Supply) are fitted with a system to protect against short circuits, overload, voltage surge and overheating of the device: in these cases, the power supply shuts down temporarily, and resumes operation as soon as normal conditions are restored.

Code	Description
MHPS24500	24 Vdc, 500 W power supply
MHPS24320	24 Vdc, 320 W power supply
MHPS24320F	24 Vdc, 320 W, power supply, without fan



TECHNICAL SPECIFICATION

Code	MHPS24500	MHPS24320	MHPS24320F
Power supply (V)	24		
Power (W)	504	321.6	
Protection class (IP)	30		67
Operating temperature (°C Min/Max)	-30 - +70		
Dimensions (mm)	230x127x40.5	215x115x30	215x115x30
Weight (kg)	1.3	0.9	


POWER CABLES FOR ERA INN ACTION AC MOTORS

STANDARD	Code	L size
	557.00415	1.5 m
	557.00430	3 m
	557.00450	5 m
USA - CANADA	Code	L size
	557.00415/U	1.5 m
	557.00430/U	3 m
	557.00450/U	5 m

POWER CABLES FOR ERA INN EDGE AC AND ERA INN SMART AC MOTORS

STANDARD	Code	L size
	557.00315	1.5 m
	557.00330	3 m
	557.00350	5 m
USA - CANADA	Code	L size
	557.00315/U	1.5 m
	557.00330/U	3 m
	557.00350/U	5 m

POWER CABLES FOR ERA INN EDGE DC AND ERA INN SMART DC MOTORS

STANDARD / USA - CANADA	Code	L size
	557.00215	1.5 m
	557.00230	3 m
	557.00250	5 m

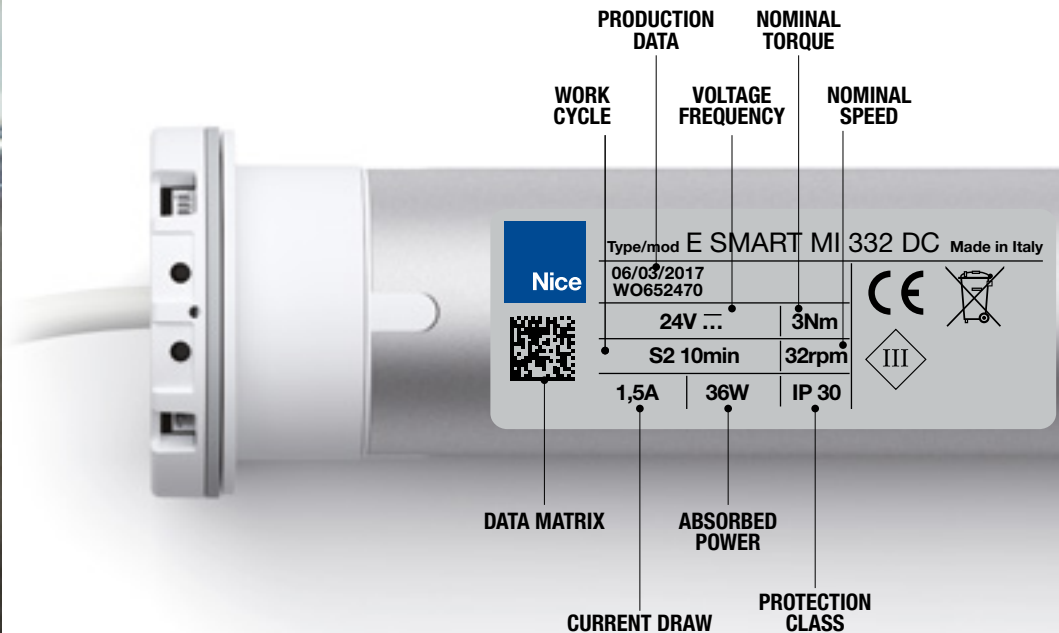
OTHER CABLES

Code	Description
557.03102	Antenna cable for Era Inn Edge motors. LENGTH 0.2 m
557.01315	Dry contact cable for Era Inn Edge and Era Inn Smart motors. Length 1.5 m
557.02410	Bus T4 cable for Era Inn Smart motors. LENGTH 1 m
557.23110	Antenna cable for DMBD radio module. Length 1 m



The importance of the label

When requesting after-sales service, remember to give the ID details of the motor to our engineers.







Solutions for outdoor roller blinds

118. How to choose the ideal motor

124. The Nice range of tubular motors for outdoor roller blinds

19. Control and programming systems

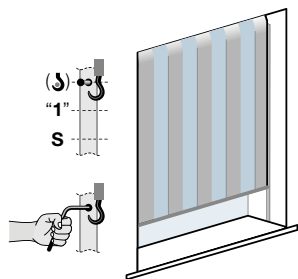
76. DIN modules for advanced building management

195. Adapters and supports

For outdoor roller blinds

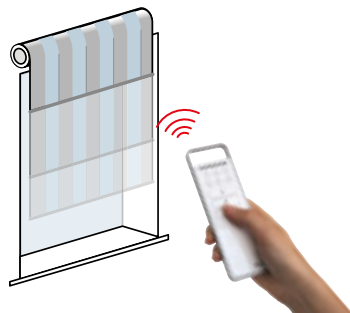
FUNCTIONS AND CHARACTERISTICS	SERIE ERA													
	S	STAR ST	MAT ST	M	QUICK M	PLUS M	FIT M BD	FIT M	STAR MT	MAT MT	MAT MVS	L	STAR LT	MAT LT
	Ø 35 mm			Ø 45 mm								Ø 58 mm		
Mechanical limit switch	•			•								•		
Pushbutton limit switch					•	•								
Electronic limit switch		•	•				•	•	•	•	•		•	•
Limit switch with built-in radio receiver			•				•	•		•	•			•
Built-in bidirectional radio receiver							•							
TtBus Technology			•			•					•	•		•
Manual limit switch programming		•	•				•	•	•	•	•		•	•
Semi-automatic limit switch programming		•	•				•	•	•	•			•	•
Automatic limit switch programming		•	•						•	•			•	•
Intermediate heights			•				•	•		•	•			•
RDC function		•	•				•	•	•	•			•	•
FRT function		•	•				•	•	•	•			•	•
FTC function		•	•				•	•	•	•			•	•
FTA function		•	•				•	•	•	•			•	•
Connection in parallel*		•	•		•	•			•	•	•		•	•
Memory locking			•			•	•	•		•	•			•

*A number of motors can be activated from a single point, without installing additional control units.
For further information, see the technical glossary on page 255.



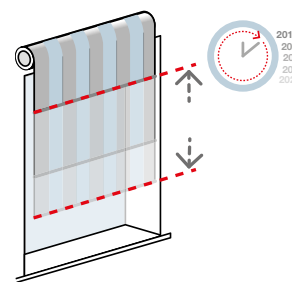
Correct fabric tensioning

The motors are ideal with both manual (FTA) and automatic (FTC) hooking systems to optimise tensioning force according to the type of fabric and size of blind.



Remote limit switch adjustment by radio

The up and down limit positions of the blind can be programmed manually, including by transmitter.



Maximum precision

The encoder technology guarantees millimetric precision, maintenance of set values over time and constant optimum force on the fabric.

How to choose the ideal motor

Nice has prepared this simple guide to help determine the ideal torque for automating outdoor roller blinds.

The following information is required:
a. the diameter of the winding roller (mm);
b. the blind surface area (m²);
c. the specific weight of the fabric (g/m²);
d. the weight of the terminal bar (kg/m).

To establish the most suitable motor torque for automating your application, identify the table corresponding to the diameter of the roller used and cross-reference this against the dimensions of the fabric. The number shown in the specific box identifies the most suitable motor.

Tubular motors Ø 35 mm

Winding roller Ø (mm)		40							
Specific weight of fabric (g/m ²)		300							
Weight of terminal bar (kg/m)		1							
Width (m)		0,5	1	1,5	2	2,5	3	3,5	4
Height (m)	1	3	3	3	3	3	3	3	3
	2	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3
	4	3	3	3	3	3	3	3	5
	5	3	3	3	3	3	3	5	5

Winding roller Ø (mm)		50							
Specific weight of fabric (g/m ²)		500							
Weight of terminal bar (kg/m)		2							
Width (m)		0,5	1	1,5	2	2,5	3	3,5	4
Height (m)	1	3	3	3	3	3	3	5	5
	2	3	3	3	3	3	5	5	5
	3	3	3	3	3	5	5	5	6
	4	3	3	3	5	5	5	6	6
	5	3	3	3	5	5	6	6	6

Tubular motors Ø 45 mm

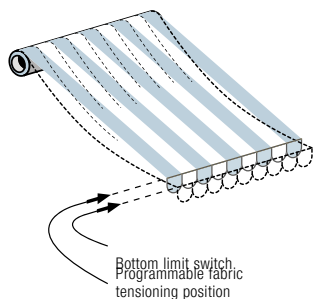
Winding roller Ø (mm)		50							
Specific weight of fabric (g/m ²)		500							
Weight of terminal bar (kg/m)		2							
Width (m)		0,5	1	1,5	2	2,5	3	3,5	4
Height (m)	1	4	4	4	4	4	4	4	4
	2	4	4	4	4	4	4	4	8
	3	4	4	4	4	4	4	8	8
	4	4	4	4	4	4	8	8	8
	5	4	4	4	4	8	8	8	8

In the case of projection or mosquito screens, bear in mind that the weight of the screen has practically no influence with respect to that of the tensioning bar.

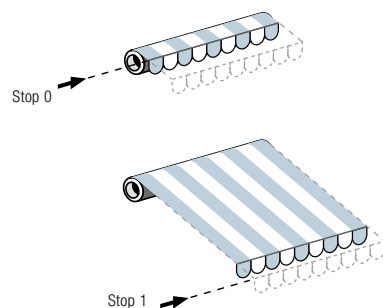
For arm sun awnings

FUNCTIONS AND CHARACTERISTICS	SERIE ERA														
	S	STAR ST	MAT ST	M	MH	QUICK M	PLUS M	PLUS MH	FIT M BD	FIT M	L	LH	PLUS LH	XL	XLH
	Ø 35 mm			Ø 45 mm						Ø 58 mm			Ø 90 mm		
Mechanical limit switch	•			•	•			•			•	•	•	•	•
Pushbutton limit switch						•	•								
Electronic limit switch		•	•						•	•					
Built-in radio receiver			•				•	•	•	•			•		
Built-in bidirectional radio receiver									•						
TTBus Technology			•				•	•					•		
Emergency override					•			•				•	•		•
Manual limit switch programming		•	•						•	•					
Semi-automatic limit switch programming		•	•						•	•					
Automatic limit switch programming		•	•												
Intermediate heights			•						•	•					
RDC function		•	•						•	•					
FRT function		•	•						•	•					
FTC function		•	•												
FTA function		•	•												
Connection in parallel*		•	•			•	•								
Memory locking			•				•	•	•	•			•		

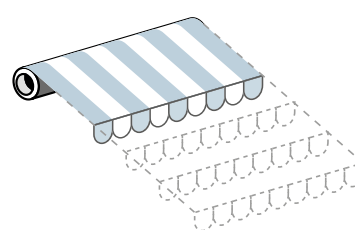
*A number of motors can be activated from a single point, without installing additional control units.
For further information, see the technical glossary on page 255.



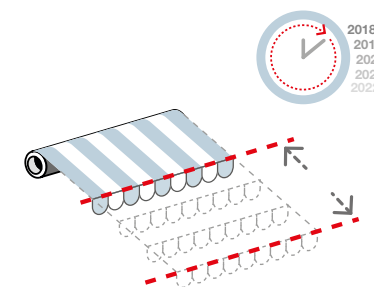
FRT function: fabric tensioning system
Withdraws the fabric by a programmable amount when the fully open position has been reached, thereby eliminating unsightly sagging.



Possibility of precisely programming limit positions, including by transmitter.
Specifically for automating square bar awnings.



Possibility of setting intermediate opening heights with recall by transmitter.
In installations employing awnings with hooks, the intermediate heights can be used to obtain different hooking positions.

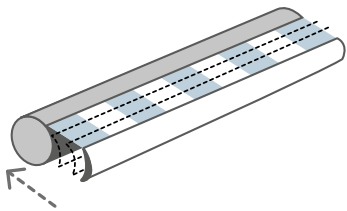


Maximum precision
The encoder technology guarantees millimetric precision, maintenance of set values over time and constant optimum force on the fabric.

For box sun awnings

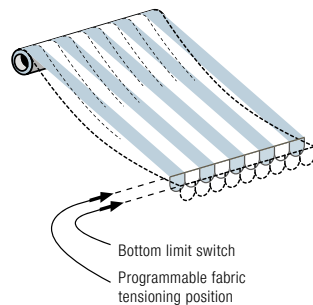
FUNCTIONS AND CHARACTERISTICS	ERA SERIES				
	STAR MT	MAT MT	FIT MHT	STAR LT	MAT LT
	Ø 45 mm			Ø 58 mm	
Electronic limit switch	•	•	•	•	•
Limit switch with built-in radio receiver		•	•		•
TTBus Technology		•			•
Emergency override			•		
Manual limit switch programming	•	•	•	•	•
Semi-automatic limit switch programming	•	•	•	•	•
Automatic limit switch programming	•	•		•	•
Intermediate heights		•	•		•
RDC function	•	•	•	•	•
FRT function	•	•	•	•	•
FTC function	•	•		•	•
FTA function	•	•		•	•
Connection in parallel*	•	•		•	•
Memory locking		•	•		•

*A number of motors can be activated from a single point, without installing additional control units.
For further information, see the technical glossary on page 255.



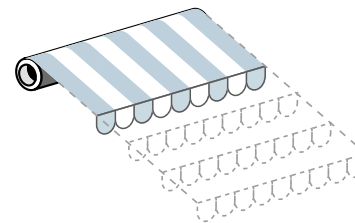
RDC function: drive torque reduction

A torque reduction system reduces the torque to stop movement smoothly without straining the fabric in the closing position, preventing unsightly sagging.



FRT function: fabric tensioning system

Withdraws the fabric by a programmable amount when the fully open position has been reached, thereby eliminating unsightly sagging.



Possibility of setting intermediate opening heights with recall by transmitter.

In installations employing awnings with hooks, the intermediate heights can be used to obtain different hooking positions.



Simple limit switch adjustment with semi-automatic programming

Simplified procedure for memorising the top limit switch at the strike point and manual programming for the down limit switch including by transmitter.

For arbour awnings

FUNCTIONS AND CHARACTERISTICS	ERA SERIES				
	L	STAR LT	MAT LT	XL	XLH
	Ø 58 mm			Ø 90 mm	
Mechanical limit switch	•			•	•
Electronic limit switch		•	•		
Limit switch with built-in radio receiver			•		
TTBus Technology			•		
Emergency override mechanism					•
Manual limit switch programming		•	•		
Semi-automatic limit switch programming		•	•		
Automatic limit switch programming		•	•		
Intermediate heights			•		
RDC function		•	•		
FRT function		•	•		
FTC function		•	•		
FTA function		•	•		
Connection in parallel*		•	•		
Memory locking			•		

*A number of motors are managed simultaneously from a single point, without installing additional control units; this excludes control of individual automations. For further information, see the technical glossary on page 255.



How to choose the ideal motor

Nice provides this simple guide to establish:

- **the ideal torque** in Nm to automate the awning;
- **the specific characteristics** of the tubular motors (diameter, type of limit switch adjustment, presence of control unit, radio receiver, encoder, emergency override mechanism).

Before you start, you need the following information:

- the diameter** of the winding roller (mm)
- the awning extension distance** (m);
- the number of arms** in the structure.

To establish the most suitable motor torque for automating your application, identify the table corresponding to the diameter of the roller. Cross-referencing the extension values with the number of arms gives the torque value required.


Tubular motors Ø 45 mm and Ø 58 mm

Winding roller Ø (mm)		Motor torque selection (Nm)																							
		50					63/70					78					85								
Arm extension (m)		1,5	2	2,5	3	4	5	1,5	2	2,5	3	4	5	1,5	2	2,5	3	4	5	1,5	2	2,5	3	4	5
Number of arms	2	15	30	30	30	30	50	15	30	30	30	40	50	15	30	30	40	50	65	40	50	55	65	75	100
	4	30	30	30	40	50	-	30	30	40	50	55	80	30	40	40	50	75	80	50	55	75	100	100	120
	6	30	30	40	50	-	-	30	40	50	55	65	100	40	50	50	65	100	120	50	75	100	120	-	-
	8	40	50	-	-	-	-	50	50	55	65	-	-	55	65	80	80	120	-	-	-	-	-	-	-

Guideline selection table.
Based on standard arms.

For special applications consult the technical sales office.

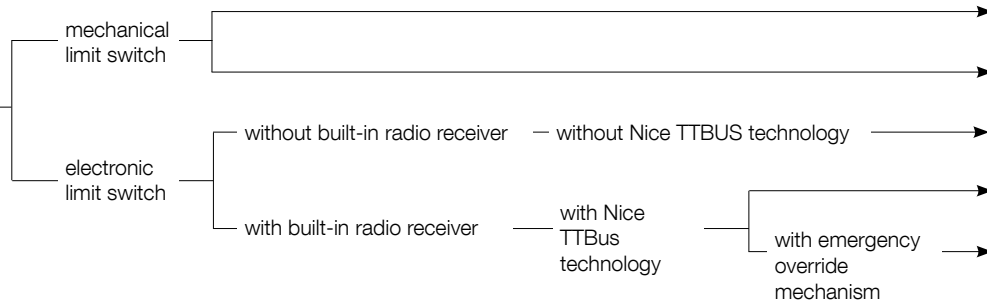
 M size Ø 45 mm.

 L size Ø 58 mm.

Index of tubular motors for roller blinds

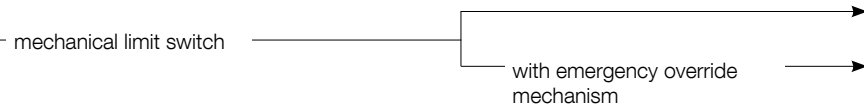
		3Nm	5Nm	6Nm	10Nm	13Nm	page					
ERA S Ø 35 mm	mechanical limit switch	•	•	•	•	•	126					
	electronic limit switch	without built-in radio receiver		•	•		127					
		with Nice TTBus technology		•	•		128					
		4Nm	5Nm	8Nm	10Nm	15Nm	20Nm	30Nm	40Nm	50Nm	page	
ERA M Ø 45 mm	mechanical limit switch	without built-in radio receiver	•	•	•	•		•	•	•	129	
		without built-in radio receiver	with emergency override mechanism			•	•		•			130
			with emergency override mechanism				•		•	•	•	138
	with built-in radio receiver	with emergency override mechanism				•		•	•	•	129	
	pushbutton limit switch	without built-in radio receiver			•	•		•	•	•	131	
		with built-in radio receiver			•	•		•	•	•	132	
	electronic limit switch	without built-in radio receiver	•		•	•		•	•	•	133	
		with built-in radio receiver	without Nice TTBus technology		•		•		•	•	•	135
			without Nice TTBus technology			•	•		•	•	•	140
			with emergency override mechanism			•	•		•	•	•	136
with Nice TTBus technology		•		•	•		•	•	•	137		
with built-in bidirectional radio receiver	without Nice TTBus technology			•	•		•	•	•	134		

ERA L
Ø 58 mm



	55Nm	65Nm	75Nm	80Nm	100Nm	120Nm	page
ERA L	•	•	•	•	•	•	182
ERA LH	•	•	•	•	•	•	144
ERA STAR LT	•	•	•	•	•	•	142
ERA MAT LT	•	•	•	•	•	•	143
ERA PLUS LH	•	•	•	•	•	•	145

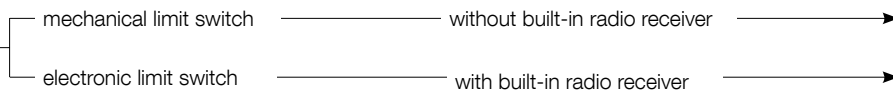
ERA XL
Ø 90 mm



	120Nm	150Nm	180Nm	230Nm	300Nm	page
ERA XL	•	•	•	•	•	146
ERA XLH	•	•	•	•	•	147

For canopy awnings

PAKOKIT
Ø 45 mm



	15Nm	page
PAKOKIT	•	148
PAKOKIT E	•	149

Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide



Tubular motor with mechanical limit switch.

S size
Ø 35 mm

Particularly suitable for compact installations:
useful length 402 mm, for motors up to 10 Nm torque.

Ideal in environments where the noise level must be reduced to a minimum.

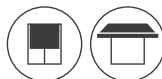
Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

Time saving and simple electrical connections; thanks to the double insulation, the motor does not need an earth wire.

230 Vac



Code	Description	Pcs./pack	Certificates
E S 324	Mechanical limit switch. 3 Nm, 24 rpm, 6.5 kg*	1	NF CE
E S 524	Mechanical limit switch. 5 Nm, 24 rpm, 11 kg*	1	NF CE
E S 611	Mechanical limit switch. 6 Nm, 11 rpm, 12 kg*	1	NF CE
E S 1011	Mechanical limit switch. 10 Nm, 11 rpm, 18 kg*	1	NF CE
E S 1311	Mechanical limit switch. 13 Nm, 11 rpm, 25 kg*	1	NF CE

*Lifted weight, value calculated with 40 mm diameter octagonal roller.

TECHNICAL SPECIFICATION

Code	E S 324	E S 524	E S 611	E S 1011	E S 1311
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	0.38	0.54	0.40	0.54	0.55
Power (W)	85	120	90	120	140
Power consumption in standby (W)	<0.5				
PERFORMANCE					
Torque (Nm)	3	5	6	10	13
Speed (rpm)	24		11		
Lifted weight (kg)*	6.5	11	12	18	25
Number of turns before the stop	35				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	402				
Weight of motor (kg)	1				1.2
Pack dimensions (mm)	90x90x440				90x90x465

Protection class IP44.

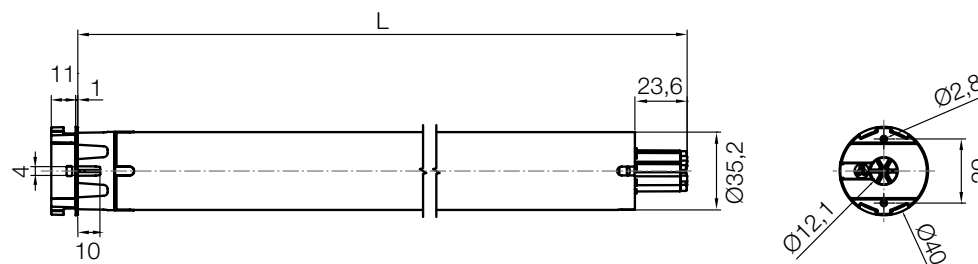
*Value calculated with 40 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 3 wires in cable



DIMENSIONS

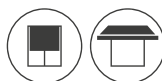


Nice

Era StarST

With electronic limit switch

230 Vac



Tubular motor with electronic limit switch.

Ideal for blinds with manual and/or automatic hooking.

S Size

Ø 35 mm

User-friendly programming.

Various programming modes: manual, semi-automatic and automatic. Useful feedback through movement of the blind.

Exclusive functions:

FTC and FTA, see page 118

FRT and RDC, see pages 120-121

Safety for the automation.

Maximum precision in the blind positions

Dynamic auto-update of limit switches to compensate for expansion or shrinkage of the fabric over time. The **encoder technology** guarantees millimetric precision, maintenance of set values over time (including in high temperatures) and constant optimum force on the blind.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Wired and/or radio connection to climatic sensors via external control units.

Time saving and simple electrical connections; thanks to the double insulation, the motor does not need an earth wire.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR ST 324	Electronic limit switch. 3 Nm, 24 rpm	1	NF CE
E STAR ST 524	Electronic limit switch. 5 Nm, 24 rpm	1	NF CE
E STAR ST 611	Electronic limit switch. 6 Nm, 11 rpm	1	NF CE
E STAR ST 1011	Electronic limit switch. 10 Nm, 11 rpm	1	NF CE

TECHNICAL SPECIFICATION

Code	E STAR ST 324	E STAR ST 524	E STAR ST 611	E STAR ST 1011
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.38	0.54	0.40	0.54
Power (W)	85	120	90	120
Absorbed power in stand-by (W)	<0.5			
PERFORMANCE				
Torque (Nm)	3	5	6	10
Speed (rpm)	24		11	
Number of turns before the stop	>100			
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	496			
Weight of motor (kg)	1			2.45
Pack dimensions (mm)	90x90x530			

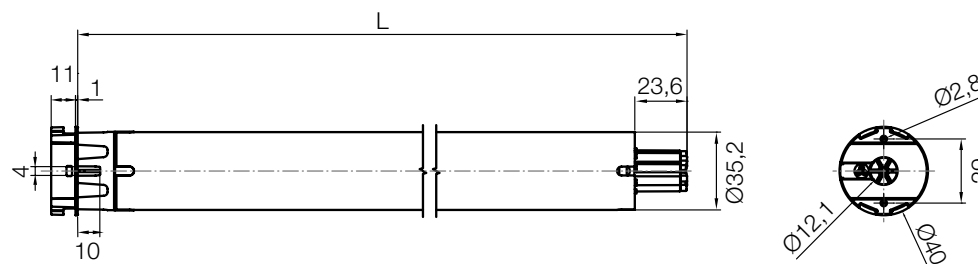
Protection class IP44.

POWER CABLE

Length 2.5 m, 3 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

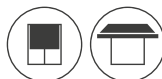
For bioclimatic pergolas

Adapters and supports

Installation guide

Era MatST

With electronic limit switch, built-in receiver and Nice TTBUS technology



Tubular motor with electronic limit switch, built-in receiver and Nice TTBUS technology.

S Size

Ø 35 mm

Simple remote adjustment of the limit switch by transmitter or with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode. Useful feedback through movement of the blind.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Adjustment of a number of intermediate opening positions.

Thanks to Nice TTBUS 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

Exclusive functions:

FTC and FTA, see page 118
FRT and RDC, see pages 120-121

Time saving and simple electrical connections; thanks to the double insulation, the motor does not need an earth wire.

Code	Description	Pcs./pack	Certificates
E MAT ST 324	Electronic limit switch, built-in receiver, TTBUS. 3 Nm, 24 rpm	1	NF CE
E MAT ST 524	Electronic limit switch, built-in receiver, TTBUS. 5 Nm, 24 rpm	1	NF CE
E MAT ST 611	Electronic limit switch, built-in receiver, TTBUS. 6 Nm, 11 rpm	1	NF CE
E MAT ST 1011	Electronic limit switch, built-in receiver, TTBUS. 10 Nm, 11 rpm	1	NF CE

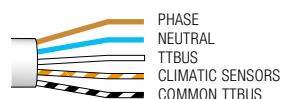
TECHNICAL SPECIFICATION

Code	E MAT ST 324	E MAT ST 524	E MAT ST 611	E MAT ST 1011
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.38	0.54	0.40	0.54
Power (W)	85	120	90	120
Power consumption in standby (W)	<0.5			
PERFORMANCE				
Torque (Nm)	3	5	6	10
Speed (rpm)	24		11	
Number of turns before the stop	>100			
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	496			
Weight of motor (kg)	1			
Pack dimensions (mm)	90x90x530			

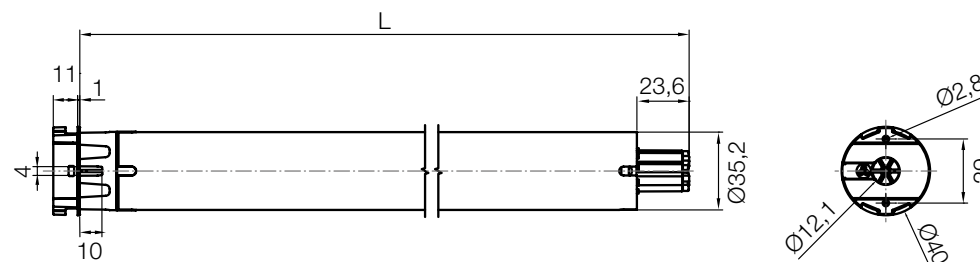
Protection class IP44.

POWER CABLE

Cable length 2.5 m, 5 wires in cable



DIMENSIONS



Nice

Era M

With mechanical limit switch



Tubular motor with mechanical limit switch.

M size
Ø 45 mm

Suitable for both large-scale applications with the 50 Nm 12 rpm version and **small structures** with the high speed 4 Nm 26 rpm version.

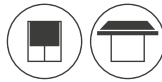
Particularly suitable for compact installations: useful length 426 mm.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

230 Vac



Code	Description	Pcs./pack	Certificates
E M 426	Mechanical limit switch. 4 Nm, 26 rpm, 8 kg*	1	NF CE
E M 1026	Mechanical limit switch. 10 Nm, 26 rpm, 19 kg*	1	NF CE
E M 517	Mechanical limit switch. 5 Nm, 17 rpm, 9 kg*	1	NF CE
E M 817	Mechanical limit switch. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E M 1517	Mechanical limit switch. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E MK 1517	Mechanical limit switch, electromechanical brake and 1.5 m long rubber power cable, 15 Nm, 17 rpm, 28 kg*	1	NF CE
E M 3017	Mechanical limit switch. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E MK 3017	Mechanical limit switch, electromechanical brake and 1.5 m long rubber power cable, 30 Nm, 17 rpm, 56 kg*	1	NF CE
E M 4012	Mechanical limit switch. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E M 5012	Mechanical limit switch. 50 Nm, 12 rpm, 95 kg*	1	NF CE
E MK 5012	Mechanical limit switch, electromechanical brake and 1.5 m long rubber power cable, 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter roller.

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E M 426	E M 1026	E M 517	E M 817	E M 1517 E MK 1517	E M 3017 E MK 3017	E M 4012	E M 5012 E MK 5012
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ELECTRICAL SPECIFICATIONS

Power supply (Vac/Hz)	230/50							
Current draw (A)	0.50	0.78	0.33	0.55	0.75	1.10		
Power (W)	108	150	75	120	170	250	245	250

PERFORMANCE

Torque (Nm)	4	10	5	8	15	30	40	50
Speed (rpm)	26		17			12		
Lifted weight* (kg)	8	19	9	15	28	56	75	95
Number of turns before the stop	27							
Continuous operating time (min)	4							

DIMENSIONAL DATA

Length (L) (mm)	426	451	426	451	486		
Weight of motor (kg)	1.85	1.95	1.85	2.15	2.45		
Pack dimensions (mm)	90x90x440	90x90x465	90x90x440		90x90x500		

Protection class IP44.

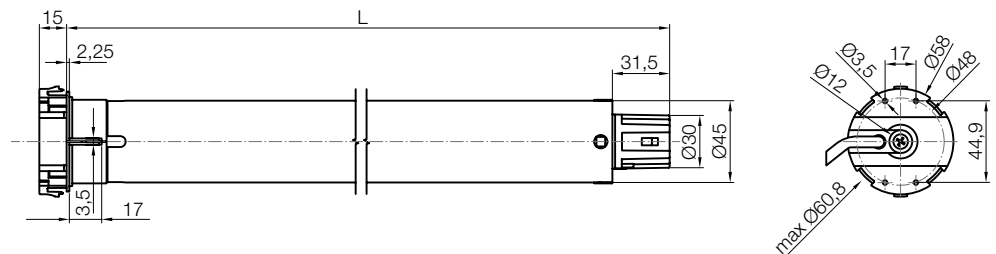
*Value calculated with 60 mm diameter roller.

POWER CABLE

Length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

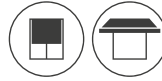
Installation guide

Nice

Era M SH

With mechanical limit switch

NEW 230 Vac



Tubular motor head compatible with star shaped supports



Practical pluggable power cable

Tubular motor with mechanical limit switch.

M size Ø 45 mm

Ideal for the maintenance and replacement of existing applications, thanks to the new head shape compatible with star supports.

Easy maintenance and installation, thanks to the new pull-out power cable.

Ideal for compact installations:
useful length 426 mm

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install, thanks to the new dedicated supports and click system to fasten the drive wheel.

Code	Description	Pcs./pack	Certificates
E M 817 SH	Mechanical limit switch. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E M 1517 SH	Mechanical limit switch. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E M 3017 SH	Mechanical limit switch. 30 Nm, 17 rpm, 56 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter roller.

TECHNICAL SPECIFICATION

Code	E M 817 SH	E M 1517 SH	E M 3017 SH
ELECTRICAL SPECIFICATIONS			
Power supply (VAC/Hz)	230/50		
Absorption (A)	0.55	0.75	1.10
Power (W)	120	170	250
PERFORMANCE			
Torque (Nm)	8	15	30
Speed (rpm)	17		
Lifted weight* (kg)	15	28	56
Number of turns before the stop	27		
Continuous operating time (min)	4		
DIMENSIONAL DATA			
Length (L) (mm)	426	451	486
Weight of motor (kg)	1.50	1.75	2.17
Pack dimensions (mm)	90x90x440		90x90x500

Protection class IP44.

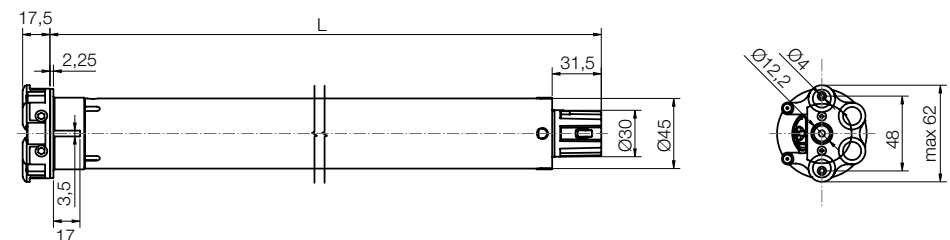
*Value calculated with 60 mm diameter roller.

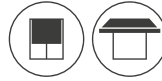
POWER CABLE

Cable length 2 m, 4 wires in cable



DIMENSIONS





With pushbutton limit switch



Simple pushbutton adjustment of limit switches

Tubular motor with pushbutton limit switch.

M size
Ø 45 mm

Even simpler limit switch adjustment using the pushbutton corresponding to the direction of rotation.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

Code	Description	Pcs./pack	Certificates
E QUICK M 817	Pushbutton limit switch. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E QUICK M 1026	Pushbutton limit switch. 10 Nm, 26 rpm, 18 kg*	1	NF CE
E QUICK M 1517	Pushbutton limit switch. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E QUICK M 3017	Pushbutton limit switch. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E QUICK M 4012	Pushbutton limit switch. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E QUICK M 5012	Pushbutton limit switch. 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller
Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E QUICK M 817	E QUICK M 1026	E QUICK M 1517	E QUICK M 3017	E QUICK M 4012	E QUICK M 5012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	0.55	0.78	0.75	1.10		
Power (W)	120	150	170	250	245	250
Power consumption in standby (W)	<0.5					
PERFORMANCE						
Torque (Nm)	8	10	15	30	40	50
Speed (rpm)	17	26	17		12	
Lifted weight* (kg)	15	18	28	56	75	95
Number of turns before the stop	92					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	426	451		486		
Weight of motor (kg)	2.15	1.95	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500		90x90x530		

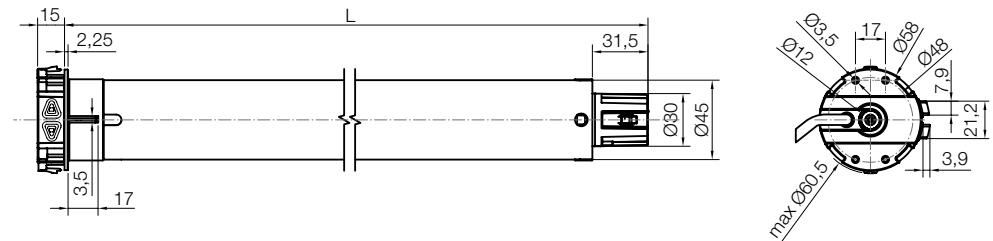
Protection class IP44.
 *Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

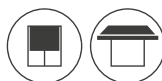
For bioclimatic pergolas

Adapters and supports

Installation guide

Era Plus M

With tubular motor with pushbutton limit switch, built-in radio receiver and TTBus technology



Simple pushbutton adjustment of limit switches

Tubular motor with pushbutton limit switch, built-in radio receiver and Nice TTBUS technology.

M size

Ø 45 mm

Simple limit switch adjustment using the pushbutton corresponding to the direction of rotation, by transmitter or with the O-View TT and TTPRO external programming units. Useful feedback through movement of the blind.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Thanks to Nice TTBus 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Safety for the automation.

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E PLUS M 817	Pushbutton limit switch, built-in receiver, TTBus. 8 Nm, 17 rpm	1	CE
E PLUS M 1517	Pushbutton limit switch, built-in receiver, TTBus. 15 Nm, 17 rpm	1	CE
E PLUS M 3017	Pushbutton limit switch, built-in receiver, TTBus. 30 Nm, 17 rpm	1	CE
E PLUS M 4012	Pushbutton limit switch, built-in receiver, TTBus. 40 Nm, 12 rpm	1	CE
E PLUS M 5012	Pushbutton limit switch, built-in receiver, TTBus. 50 Nm, 12 rpm	1	CE

TECHNICAL SPECIFICATION

Code	E PLUS M 817	E PLUS M 1517	E PLUS M 3017	E PLUS M 4012	E PLUS M 5012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	0.55	0.75		1.10	
Power (W)	120	170	250	245	250
Power consumption in standby (W)	<0.5				
PERFORMANCE					
Torque (Nm)	8	15	30	40	50
Speed (rpm)	17			12	
Number of turns before the stop	92				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	426	451	486		
Weight of motor (kg)	2.15	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500	90x90x530		

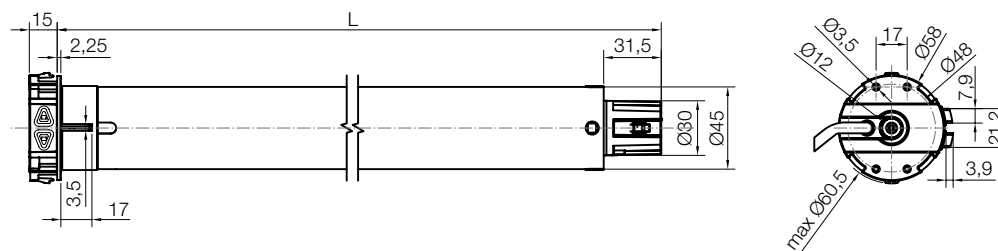
Protection class IP44.

POWER CABLE

Length 2.5 m, 6 wires in cable



DIMENSIONS

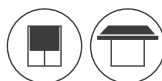


Nice

Era Star MT

With electronic limit switch

230 Vac



Tubular motor with electronic limit switch.

M size
Ø 45 mm

Simple limit switch adjustment in manual, semi-automatic and automatic mode.

Useful feedback through movement of the blind.

Exclusive functions:

FTC and FTA, see page 118
FRT and RDC, see pages 120-121

Safety for the automation.

Maximum precision in the blind positions
Dynamic auto-update of limit switches (automatic and semi-automatic modes only) to compensate for expansion or shrinkage of the fabric over time.

Particularly suitable for compact installations:
useful length 426 mm, in 4 Nm at 26 rpm and 8 Nm at 17 rpm versions.

Wired and/or radio connection to climatic sensors via external control units.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR MT 426	Electronic limit switch. 4 Nm, 26 rpm	1	NF CE
E STAR MT 1026	Electronic limit switch. 10 Nm, 26 rpm	1	NF CE
E STAR MT 817	Electronic limit switch. 8 Nm, 17 rpm	1	NF CE
E STAR MT 1517	Electronic limit switch. 15 Nm, 17 rpm	1	NF CE
E STAR MKT 1517	Electronic limit switch, electromechanical brake and 1.5 m long rubber power cable, 15 Nm, 17 rpm	1	NF CE
E STAR MT 3017	Electronic limit switch. 30 Nm, 17 rpm	1	NF CE
E STAR MKT 3017	Electronic limit switch, electromechanical brake and 1.5 m long rubber power cable, 30 Nm, 17 rpm	1	NF CE
E STAR MT 4012	Electronic limit switch. 40 Nm, 12 rpm	1	NF CE
E STAR MT 5012	Electronic limit switch. 50 Nm, 12 rpm	1	NF CE
E STAR MKT 5012	Electronic limit switch, electromechanical brake and 1.5 m long rubber power cable, 50 Nm, 12 rpm	1	NF CE

TECHNICAL SPECIFICATION

Code	E STAR MT 426	E STAR MT 1026	E STAR MT 817	E STAR MT 1517 E STAR MKT 1517	E STAR MT 3017 E STAR MKT 3017	E STAR MT 4012	E STAR MT 5012 E STAR MKT 5012
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ELECTRICAL SPECIFICATIONS

Power supply (Vac/Hz)	230/50						
Current draw (A)	0.50	0.78	0.55	0.75	1.10		
Power (W)	108	150	120	170	250	245	250
Power consumption in standby (W)	<0.5						

PERFORMANCE

Torque (Nm)	4	10	8	15	30	40	50
Speed (rpm)	26		17			12	
Number of turns before the stop	92						
Continuous operating time (min)	4						

DIMENSIONAL DATA

Length (L) (mm)	426	451	426	451	486		
Weight of motor (kg)	1.85	1.95	2.15	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500	90x90x465	90x90x500	90x90x530		

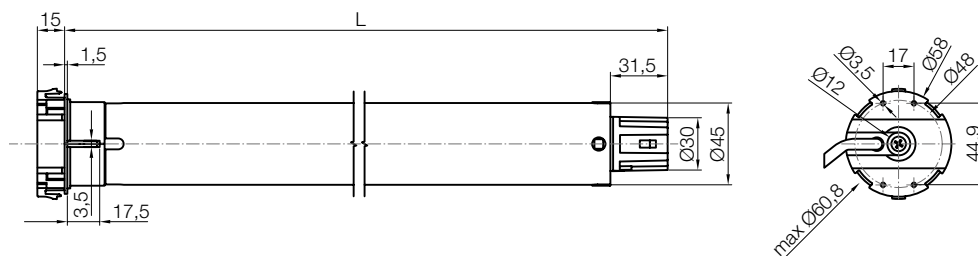
Protection class IP44.

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

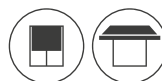
For bioclimatic pergolas

Adapters and supports

Installation guide

Era Fit^M BD

For outdoor blinds and rolling shutters,
with built-in bidirectional radio receiver



Tubular motor with electronic limit switch and built-in bidirectional radio receiver.

M size

Ø 45 mm

Smart

The Nice bidirectional radio protocol enables confirmation of correct reception of the command by the automation and the possibility of checking the position of the blind or rolling shutter. As it also supports the Nice mesh network function, the motor can route the radio command, thus extending the radio range of the system.

Handy remote control of limit switches by transmitter in manual or semi-automatic mode.

Easy to programme, thanks to feedback from movement of the rolling shutter.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings.

If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Connection to climatic sensors via radio with user-friendly programming.

The built-in circuit board allows **a number of motors to be connected and controlled in parallel** from a single point without the need for additional control units.

Low consumption in stand-by.

Compatible with previous versions of Nice unidirectional transmitters.

Code	Description	Pcs./pack	Certificates
E FIT M 817 BD	Electronic limit switch, built-in bidirectional radio receiver. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E FIT M 1517 BD	Electronic limit switch, built-in bidirectional radio receiver. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E FIT M 3017 BD	Electronic limit switch, built-in bidirectional radio receiver. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E FIT M 4012 BD	Electronic limit switch, built-in bidirectional radio receiver. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E FIT M 5012 BD	Electronic limit switch, built-in bidirectional radio receiver. 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E FIT M 817 BD	E FIT M 1517 BD	E FIT M 3017 BD	E FIT M 4012 BD	E FIT M 5012 BD
ELECTRICAL SPECIFICATIONS					
Power supply (VAC/Hz)	230/50				
Absorption (A)	0.55	0.75		1.10	
Power (W)	120	170	250	245	250
POWER CONSUMPTION IN STANDBY (W)	<0,5				
PERFORMANCE					
Torque (Nm)	8	15	30	40	50
Speed (rpm)	17			12	
Lifted weight* (kg)	15	28	56	75	95
Number of turns before the stop	92				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	426	451		486	
Weight of motor (kg)	2.15	2.45		2.65	
Pack dimensions (mm)	90x90x465	90x90x500		90x90x530	

Protection class IP44.

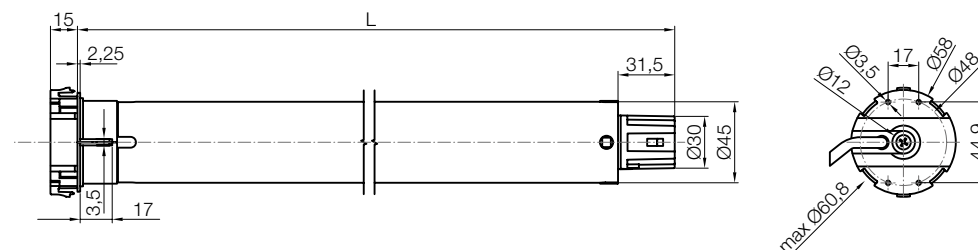
*Value calculated with 60 mm diameter octagonal roller.

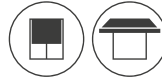
POWER CABLE

Length 2.5 m, 3 wires in cable



DIMENSIONS





Tubular motor with electronic limit switch and built-in receiver.

M size
Ø 45 mm

Convenient remote control of limit switches by transmitter in manual or semi-automatic mode.

During programming, useful feedback from blind movement.

Level programming: quick and safe. Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Connection to climatic sensors via radio with user-friendly programming.

The built-in circuit board allows **a number of motors to be connected and controlled in parallel** from a single point without the need for additional control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E FIT M 817*	Electronic limit switch, built-in radio receiver. 8 Nm, 17 rpm, 15 kg**	1	NF CE
E FIT M 1517*	Electronic limit switch, built-in radio receiver. 15 Nm, 17 rpm, 28 kg**	1	NF CE
E FIT M 3017*	Electronic limit switch, built-in radio receiver. 30 Nm, 17 rpm, 56 kg**	1	NF CE
E FIT M 4012*	Electronic limit switch, built-in radio receiver. 40 Nm, 12 rpm, 75 kg**	1	NF CE
E FIT M 5012*	Electronic limit switch, built-in radio receiver. 50 Nm, 12 rpm, 95 kg**	1	NF CE

*Available until December 31st 2019. **Lifted weight, value calculated with 60 mm diameter octagonal roller
Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E FIT M 817	E FIT M 1517	E FIT M 3017	E FIT M 4012	E FIT M 5012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	0.55	0.75	1.10		
Power (W)	120	170	250	245	250
Power consumption in standby (W)	<0.5				
PERFORMANCE					
Torque (Nm)	8	15	30	40	50
Speed (rpm)	17			12	
Lifted weight* (kg)	15	28	56	75	95
Number of turns before the stop	92				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	426	451	486		
Weight of motor (kg)	2.15	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500	90x90x530		

Protection class IP44.

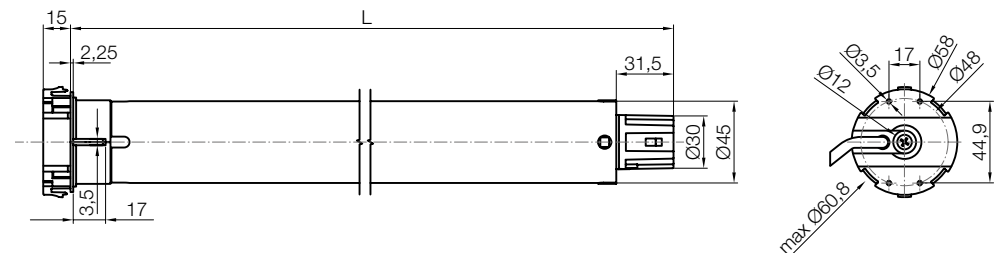
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 3 wires in cable

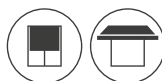


DIMENSIONS



Era Mat^{MT}

With electronic limit switch, built-in receiver and Nice TTBus technology



Tubular motor with electronic limit switch, built-in receiver and Nice TTBus technology.

M size
Ø 45 mm

Simple remote adjustment of the limit switch by transmitter or with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode. Useful feedback through movement of the blind.

Level programming: quick and safe. Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Adjustment of a number of intermediate opening positions.

Thanks to Nice TTBus 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

Exclusive functions:

FTC and FTA, see page 118
FRT and RDC, see pages 120-121

Code	Description	Pcs./pack	Certificates
E MAT MT 426	Electronic limit switch, built-in receiver, TTBus. 4 Nm, 26 rpm	1	NF CE
E MAT MT 1026	Electronic limit switch, built-in receiver, TTBus. 10 Nm, 26 rpm	1	NF CE
E MAT MT 817	Electronic limit switch, built-in receiver, TTBus. 8 Nm, 17 rpm	1	NF CE
E MAT MT 1517	Electronic limit switch, built-in receiver, TTBus. 15 Nm, 17 rpm	1	NF CE
E MAT MKT 1517	Electronic limit switch, built-in radio receiver, TTBus, electromechanical brake and 1.5 m long rubber power cable, 15 Nm, 17 rpm	1	NF CE
E MAT MT 3017	Electronic limit switch, built-in receiver, TTBus. 30 Nm, 17 rpm	1	NF CE
E MAT MKT 3017	Electronic limit switch, built-in radio receiver, TTBus, electromechanical brake and 1.5 m long rubber power cable, 30 Nm, 17 rpm	1	NF CE
E MAT MT 4012	Electronic limit switch, built-in receiver, TTBus. 40 Nm, 12 rpm	1	NF CE
E MAT MT 5012	Electronic limit switch, built-in receiver, TTBus. 50 Nm, 12 rpm	1	NF CE
E MAT MKT 5012	Electronic limit switch, built-in radio receiver, TTBus, electromechanical brake and 1.5 m long rubber power cable, 50 Nm, 12 rpm	1	NF CE

TECHNICAL SPECIFICATION

Code	E MAT MT 426	E MAT MT 1026	E MAT MT 817	E MAT MT 1517 E MAT MKT 1517	E MAT MT 3017 E MAT MKT 3017	E MAT MT 4012	E MAT MT 5012 E MAT MKT 5012
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ELECTRICAL SPECIFICATIONS

Power supply (Vac/Hz)	230/50						
Current draw (A)	0.50	0.78	0.55	0.75	1.10		
Power (W)	108	150	120	170	250	245	250
Power consumption in standby (W)	<0.5						

PERFORMANCE

Torque (Nm)	4	10	8	15	30	40	50
Speed (rpm)	26		17			12	
Number of turns before the stop	92						
Continuous operating time (min)	4						

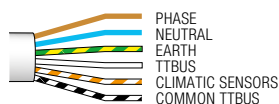
DIMENSIONAL DATA

Length (L) (mm)	426	451	426	451	486		
Weight of motor (kg)	1.85	1.95	2.15	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500	90x90x465	90x90x500	90x90x530		

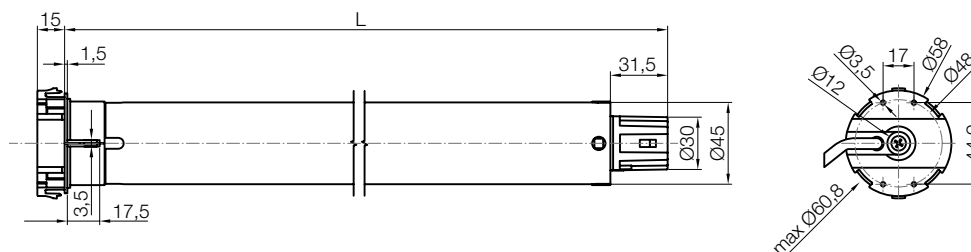
Protection class IP44.

POWER CABLE

Cable length 2.5 m, 6 wires in cable

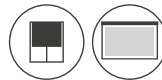


DIMENSIONS



Era Mat MVS

Ideal for projection screens



Tubular motor with electronic limit switch, built-in receiver and Nice TTBUS technology.

M size
 Ø 45 mm

Easy remote adjustment of limit switches by transmitter or with the O-View TT and TTPRO external programming units, in manual mode. Useful feedback through movement of the blind.

Level programming: quick and safe. Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Thanks to Nice TTBUS 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

A number of motors can be connected and actioned synchronously from a single control point without the need for additional control units.

Different projection formats can be configured and recalled simply by the transmitter.

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E MAT MVS 426	Electronic limit switch, built-in receiver, TTBUS. 4 Nm, 26 rpm	1	NF CE
E MAT MVS 1026	Electronic limit switch, built-in receiver, TTBUS. 10 Nm, 26 rpm	1	NF CE
E MAT MVS 817	Electronic limit switch, built-in receiver, TTBUS. 8 Nm, 17 rpm	1	NF CE
E MAT MVS 1517	Electronic limit switch, built-in receiver, TTBUS. 15 Nm, 17 rpm	1	NF CE

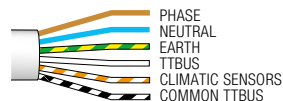
TECHNICAL SPECIFICATION

Code	E MAT MVS 426	E MAT MVS 1026	E MAT MVS 817	E MAT MVS 1517
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.50	0.78	0.55	0.75
Power (W)	108	150	120	170
Power consumption in standby (W)	<0.5			
PERFORMANCE				
Torque (Nm)	4	10	8	15
Speed (rpm)	26		17	
Number of turns before the stop	92			
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	426	451	426	451
Weight of motor (kg)	1.85	1.95	2.15	2.45
Pack dimensions (mm)	90x90x465	90x90x500	90x90x465	90x90x500

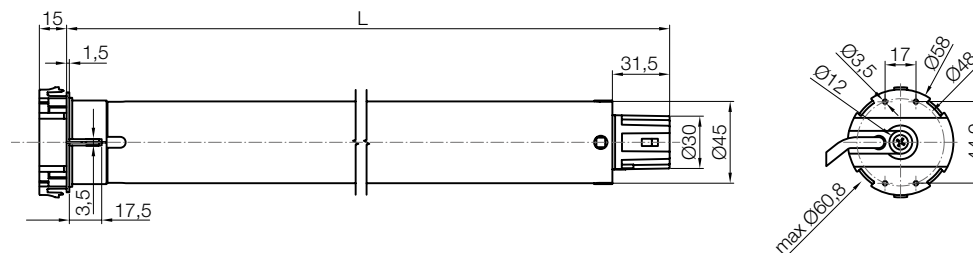
Protection class IP44.

POWER CABLE

Cable length 2.5 m, 6 wires in cable



DIMENSIONS

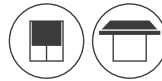


Era^{MH} / Era^{MH DC}

With emergency override mechanism

230 Vac

12 Vdc



Tubular motor with mechanical limit switch and manual emergency override mechanism.

M size

Ø 45 mm

Suitable for all needs:

usable both for large-scale applications with the 50 Nm 12 rpm version and small structures with the 15 Nm 17 rpm version.

Ideal for intensive use:

the 12 Vdc Era MH DC version guarantees 6 minutes of continuous operation at the same speed during both up and down manoeuvres.

Advanced

The low voltage power means that alternative energy sources such as batteries and solar panels can be used.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install:

fixing directly on the head thanks to the M6 holes with 48 mm centre distance, no support required.

Compact and robust

Small size (head diameter 85 mm) for installation in small boxes. Motor head in 100% zama.

Wired and/or radio connection to climatic sensors via external control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E MH 1517	Mechanical limit switch, manual emergency override mechanism. 15 Nm, 17 rpm, 28 kg*	1	CE
E MH 3017	Mechanical limit switch, manual emergency override mechanism. 30 Nm, 17 rpm, 56 kg*	1	CE
E MH 4012	Mechanical limit switch, manual emergency override mechanism. 40 Nm, 12 rpm, 75 kg*	1	CE
E MH 5012	Mechanical limit switch, manual emergency override mechanism. 50 Nm, 12 rpm, 95 kg*	1	CE
E MH 2012 DC	Mechanical limit switch, manual emergency override mechanism. 20 Nm, 12 rpm, 38 kg*	1	CE

*Lifted weight, value calculated with 60 mm diameter roller.

TECHNICAL SPECIFICATION

Code	E MH 1517	E MH 3017	E MH 4012	E MH 5012	E MH 2012 DC
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				12
Current draw (A)	0.75	1.10		6.5	
Power (W)	170	250	245	250	78
PERFORMANCE					
Torque (Nm)	15	30	40	50	20
Speed (rpm)	17		12		
Lifted weight* (kg)	28	56	75	95	38
Number of turns before the stop	36				
Reduction ratio	1:24				-
Continuous operating time (min)	4				6
DIMENSIONAL DATA					
Length (L) (mm)	602	637		600	
Weight of motor (kg)	2.8	3.4	3.6		2.9
Pack dimensions (mm)	100x100x750				

Protection class IP44.

*Value calculated with 60 mm diameter roller.

POWER CABLE

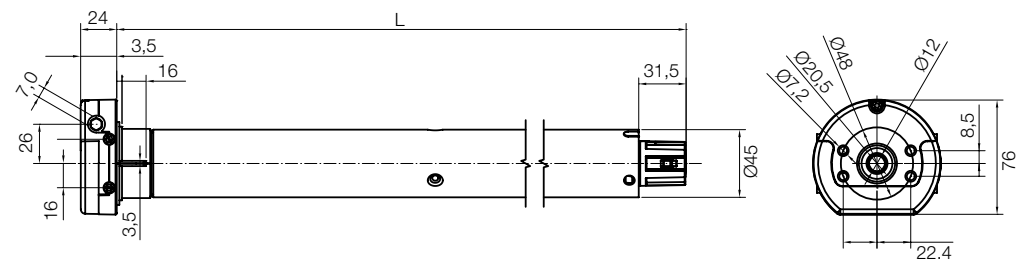
ERA MH
Cable length 2.5 m, 4 wires in cable



ERA MH DC
Cable length 2.5 m, 2 wires in cable

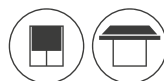


DIMENSIONS



Era Plus^{MH}

Built-in radio receiver, Technology TTBUS and emergency override mechanism



Tubular motor with mechanical limit switch, built-in radio receiver and Nice TTBUS technology, manual emergency override mechanism.

M size

Ø 45 mm

Intuitive adjustment of up and down limit positions by transmitter or with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Easy to install: fixing directly on the head thanks to the M6 holes with 48 mm centre distance, no support required.

Compact and robust

Small size (head diameter 85 mm) for installation in small boxes. Motor head in 100% zama.

Nice TTBUS 2-wire technology allows motor movement to be managed by means of a low-voltage Step-by-Step control and simple intuitive connection of climatic sensors via radio.

Safety for the automation.

Possibility of connecting a resistive sensitive edge and photocells.

Code	Description	Pcs./pack	Certificates
E PLUS MH 1517	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 15 Nm, 17 rpm, 28 kg*	1	CE
E PLUS MH 3017	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 30 Nm, 17 rpm, 56 kg*	1	CE
E PLUS MH 4012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 40 Nm, 12 rpm, 75 kg*	1	CE
E PLUS MH 5012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 50 Nm, 12 rpm, 95 kg*	1	CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller

TECHNICAL SPECIFICATION

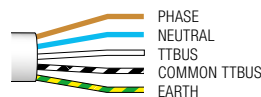
Code	E PLUS MH 1517	E PLUS MH 3017	E PLUS MH 4012	E PLUS MH 5012
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.75		1.10	
Power (W)	170	250	245	250
PERFORMANCE				
Torque (Nm)	15	30	40	50
Speed (rpm)		17		12
Number of turns before the stop	36			
Lifted weight* (kg)	28	56	75	95
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	806			
Weight of motor (kg)	3.4	3.8		4
Pack dimensions (mm)	100x100x850			

Protection class IP44.

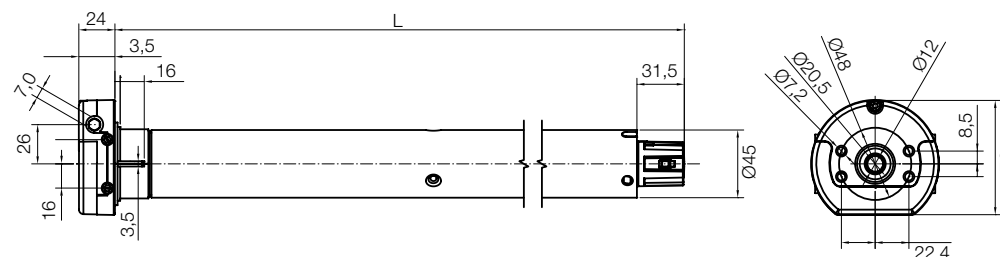
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 5 wires in cable



DIMENSIONS



Era Fit MHT



With built-in radio receiver and emergency override mechanism



Tubular motor with electronic limit switch and built-in radio receiver and manual emergency override mechanism.

M size

Ø 45 mm

Easy remote control of limit switches by transmitter in manual or semi-automatic mode. During manual programming and when using the emergency override mechanism, the awning closes in the strike position.
Useful feedback from awning movement.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Adjustment of a number of intermediate opening positions.

Easy to install: fixing directly on the head thanks to the M6 holes with 48 mm centre distance, no support required.

Compact and robust

Small size (head diameter 85 mm) for installation in small boxes. Motor head in 100% zama.

Exclusive functions:

RDC torque reduction system to stop movement smoothly without straining the fabric when the closed position is reached.

FRT withdraws the fabric by a programmable amount when the fully open position has been reached, thereby eliminating unsightly sagging.

Connection to climatic sensors via radio with user-friendly programming.

Safety for the automation.

High precision awning positions: dynamic auto-update of limit switches to compensate for expansion or shrinkage of the structure over time. The **encoder technology** guarantees millimetric precision, reliability and maintenance of set values over time.

Code	Description	Pcs./pack	Certificates
E FIT MHT 1517	Electronic limit switch, built-in radio receiver, emergency override mechanism. 15 Nm, 17 rpm	1	CE
E FIT MHT 3017	Electronic limit switch, built-in radio receiver, emergency override mechanism. 30 Nm, 17 rpm	1	CE
E FIT MHT 4012	Electronic limit switch, built-in radio receiver, emergency override mechanism. 40 Nm, 12 rpm	1	CE
E FIT MHT 5012	Electronic limit switch, built-in radio receiver, emergency override mechanism. 50 Nm, 12 rpm	1	CE

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E FIT MHT 1517	E FIT MHT 3017	E FIT MHT 4012	E FIT MHT 5012
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.75		1.10	
Power (W)	170	250	245	250
PERFORMANCE				
Torque (Nm)	15	30	40	50
Speed (rpm)	17		12	
Number of turns before the stop	92			
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	706			
Weight of motor (kg)	3.35	3.4		3.5
Pack dimensions (mm)	100x100x750			

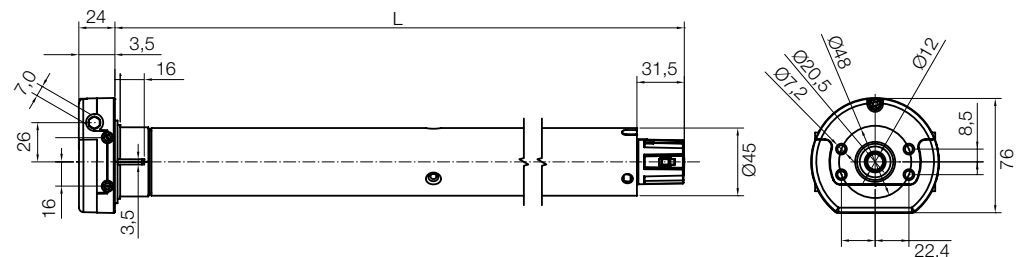
Protection class IP44.

POWER CABLE

Cable length 2.5 m, 3 wires in cable



DIMENSIONS



Nice

Era^L

With mechanical limit switch

230 Vac



Tubular motor with mechanical limit switch.

L size

Ø 58 mm

Powerful and versatile

Can also be used for large-scale applications with versions up to 120 Nm.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

Code	Description	Pcs./pack	Certificates
E L 5517	Mechanical limit switch. 55 Nm, 17 rpm, 85 kg*	1	CE
E L 6517	Mechanical limit switch. 65 Nm, 17 rpm, 100 kg*	1	CE
E L 7517	Mechanical limit switch. 75 Nm, 17 rpm, 115 kg*	1	CE
E L 8012	Mechanical limit switch. 80 Nm, 12 rpm, 120 kg*	1	CE
E L 10012	Mechanical limit switch. 100 Nm, 12 rpm, 150 kg*	1	CE
E L 12012	Mechanical limit switch. 120 Nm, 12 rpm, 180 kg*.	1	CE

*Lifted weight, value calculated with 70 mm diameter roller.

TECHNICAL SPECIFICATION

Code	E L 5517	E L 6517	E L 7517	E L 8012	E L 10012	E L 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2.00	1.65	1.75	2.10
Power (W)	360	420		360	390	465
Power consumption in standby (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Lifted weight* (kg)	85	100	115	120	150	180
Number of turns before the stop	28					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	667					
Weight of motor (kg)	5.150					
Pack dimensions (mm)	100x100x750					

Protection class IP44.

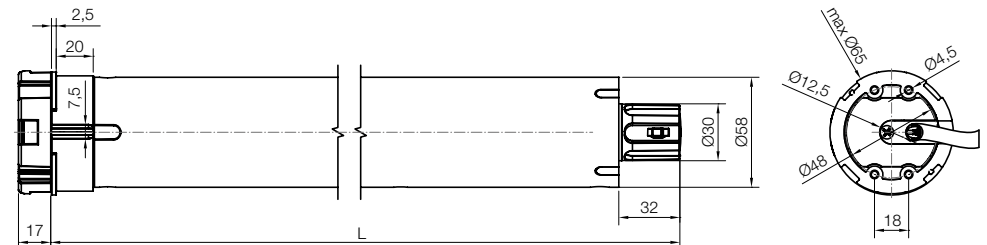
*Value calculated with 70 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

Nice

Era Star^{LT}

With electronic limit switch

230 Vac



Tubular motor with electronic limit switch.

L size

Ø 58 mm

Powerful and versatile.

Can also be used for large-scale applications with versions up to 120 Nm.

Simple limit switch adjustment in manual, semi-automatic and automatic mode. Useful feedback through movement of the blind.

The encoder technology guarantees millimetric precision of the limit switch.

Exclusive functions:

FTC and FTA, see page 118

FRT and RDC, see pages 120-121

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR LT 5517	Electronic limit switch. 55 Nm, 17 rpm	1	CE
E STAR LT 6517	Electronic limit switch. 65 Nm, 17 rpm	1	CE
E STAR LT 7517	Electronic limit switch. 75 Nm, 17 rpm	1	CE
E STAR LT 8012	Electronic limit switch. 80 Nm, 12 rpm	1	CE
E STAR LT 10012	Electronic limit switch. 100 Nm, 12 rpm	1	CE
E STAR LT 12012	Electronic limit switch. 120 Nm, 12 rpm	1	CE

TECHNICAL SPECIFICATION

Code	E STAR LT 5517	E STAR LT 6517	E STAR LT 7517	E STAR LT 8012	E STAR LT 10012	E STAR LT 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2.00	1.65	1.75	2.10
Power (W)	360	420	420	360	390	465
Power consumption in standby (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Number of turns before the stop	>100					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	672					
Weight of motor (kg)	5.150					
Pack dimensions (mm)	100x100x750					

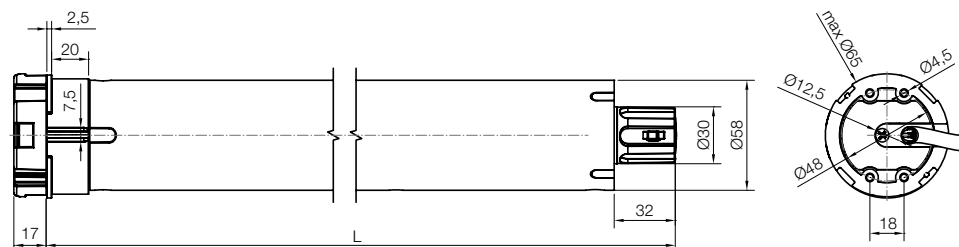
Protection class IP44.

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Era Mat^{LT}

With electronic limit switch, built-in receiver and Nice TTBus technology



Tubular motor with electronic limit switch, built-in receiver and Nice TTBus technology.

L size
Ø 58 mm

Simple remote adjustment of the limit switch by transmitter or with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode. Useful feedback through movement of the blind.

Level programming: quick and safe. Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Adjustment of a number of intermediate opening positions.

Thanks to Nice TTBus 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

A number of motors can be connected and controlled in parallel from a single point without the need for additional control units.

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

Exclusive functions:

FTC and FTA, see page 118
FRT and RDC, see pages 120-121

Code	Description	Pcs./pack	Certificates
E MAT LT 5517	Electronic limit switch, built-in receiver, TTBus. 55 Nm, 17 rpm	1	CE
E MAT LT 6517	Electronic limit switch, built-in receiver, TTBus. 65 Nm, 17 rpm	1	CE
E MAT LT 7517	Electronic limit switch, built-in receiver, TTBus. 75 Nm, 17 rpm	1	CE
E MAT LT 8012	Electronic limit switch, built-in receiver, TTBus. 80 Nm, 12 rpm	1	CE
E MAT LT 10012	Electronic limit switch, built-in receiver, TTBus. 100 Nm, 12 rpm	1	CE
E MAT LT 12012	Electronic limit switch, built-in receiver, TTBus. 120 Nm, 12 rpm	1	CE

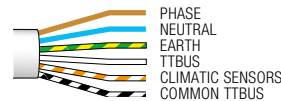
TECHNICAL SPECIFICATION

Code	E MAT LT 5517	E MAT LT 6517	E MAT LT 7517	E MAT LT 8012	E MAT LT 10012	E MAT LT 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2.00	1.65	1.75	2.10
Power (W)	360	420	420	360	390	465
Power consumption in standby (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Number of turns before the stop	>100					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	672					
Weight of motor (kg)	5.150					
Pack dimensions (mm)	100x100x750					

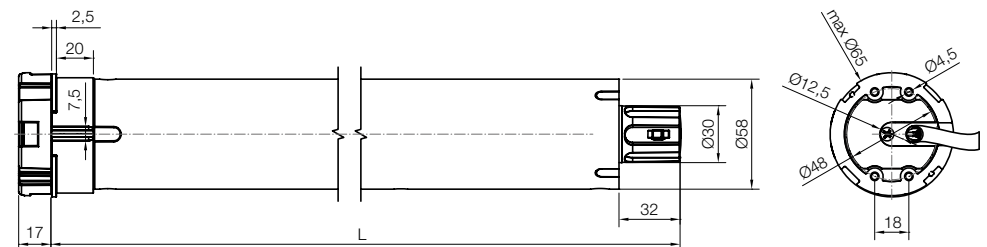
Protection class IP44.

POWER CABLE

Length 2.5 m, 6 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

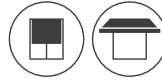
Nice

Era LH

With mechanical limit switch and manual emergency override mechanism



230 Vac



Code	Description	Certificates
E LH 5517	Mechanical limit switch, manual emergency override mechanism. 55 Nm, 17 rpm, 85 kg*	CE
E LH 6517	Mechanical limit switch, manual emergency override mechanism. 65 Nm, 17 rpm, 100 kg*	CE
E LH 7517	Mechanical limit switch, manual emergency override mechanism. 75 Nm, 17 rpm, 115 kg*	CE
E LH 8012	Mechanical limit switch, manual emergency override mechanism. 80 Nm, 12 rpm, 120 kg*	CE
E LH 10012	Mechanical limit switch, manual emergency override mechanism. 100 Nm, 12 rpm, 150 kg*	CE
E LH 12012	Mechanical limit switch, manual emergency override mechanism. 120 Nm, 12 rpm, 180 kg*	CE

*Lifted weight, value calculated with 70 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E LH 5517	E LH 6517	E LH 7517	E LH 8012	E LH 10012	E LH 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2	1.65	1.75	2.10
Power (W)	360	420	420	360	390	465
Power consumption in standby (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Number of turns before the stop	28					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	832					
Weight of motor (kg)	7.34					
Pack dimensions (mm)	144x148x1003					

Protection class IP44

POWER CABLE

Cable length 2.5 m, 4 wires in cable



Tubular motor with mechanical limit switch and manual emergency override mechanism.

L size

Ø 58 mm

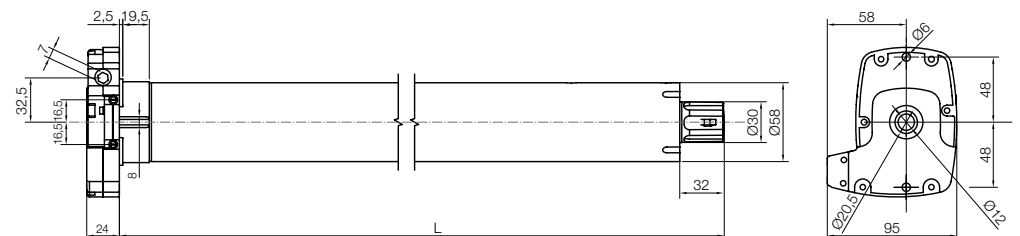
Powerful, robust, and versatile

Can also be used for large-scale applications with versions up to 120 Nm. Zama motor head.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Wired and/or radio connection to climatic sensors via external control units.

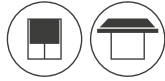
DIMENSIONS



Era Plus LH

Built-in radio receiver, technology TTBUS and emergency override mechanism

RADIO TTBUS 230 Vac



Tubular motor with mechanical limit switch, built-in radio receiver and Nice TTBUS technology, manual emergency override mechanism.

L size
Ø 58 mm

Powerful, robust, and versatile
Can also be used for large-scale applications with versions up to 120 Nm.
Zama motor head.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Memory locking to prevent accidental memorising.

Simple programming
It can memorise up to 30 transmitters without having to connect to the motor. It allows remote activation of new transmitters once the first has been memorised.

Easy to install thanks to the compact supports or fixing directly on the motor head. Innovative click system to fasten the drive wheel.

Code	Description	Certificates
E PLUS LH 5517	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 55 Nm, 17 rpm, 85 kg*	CE
E PLUS LH 6517	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 65 Nm, 17 rpm, 100 kg*	CE
E PLUS LH 7517	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 75 Nm, 17 rpm, 115 kg*	CE
E PLUS LH 8012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 80 Nm, 12 rpm, 120 kg*	CE
E PLUS LH 10012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 100 Nm, 12 rpm, 150 kg*	CE
E PLUS LH 12012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 120 Nm, 12 rpm, 180 kg*	CE

*Lifted weight, value calculated with 70 mm diameter octagonal roller

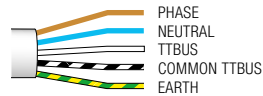
TECHNICAL SPECIFICATION

Code	E PLUS LH 5517	E PLUS LH 6517	E PLUS LH 7517	E PLUS LH 8012	E PLUS LH 10012	E PLUS LH 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2	1.65	1.75	2.10
Power (W)	360	420	420	360	390	465
Power consumption in standby (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Number of turns before the stop	28					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	910					
Weight of motor (kg)	7.70					
Pack dimensions (mm)	144x148x1003					

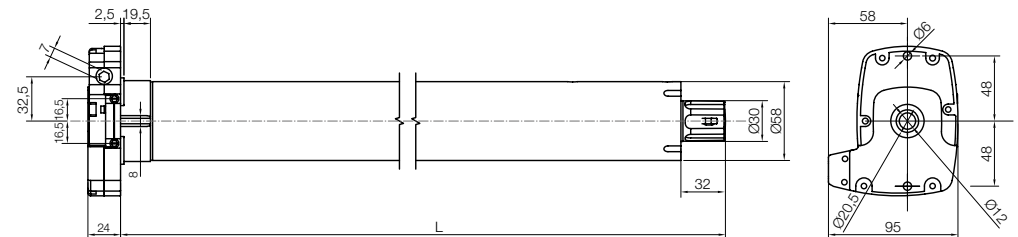
Protection class IP44

POWER CABLE

Length 3 m, 5 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide



Tubular motors with mechanical limit switch.

XL size

Ø 90 mm

Powerful and fast:

up to 300 Nm torque in complete comfort, 12 rpm.

Reliable and silent:

The dimensions of the motor and characteristics of the gears guarantee a long working life and very silent operation.

Flexible:

interchangeable adapters can be used for tubes with a Ø from 98x2.0 mm to 168x4.0 mm or SW 114 (octagonal).

Easy to install: the fixing plates must be mounted perpendicular to the installation site. If the surface is uneven, the special wall plate (article 537.10001) must be used.

Code	Description	Pcs./pack	certificates
E XL 12012	Mechanical limit switch. 120 Nm, 12 rpm	1	CE
E XL 15012	Mechanical limit switch. 150 Nm, 12 rpm	1	CE
E XL 18012	Mechanical limit switch. 180 Nm, 12 rpm	1	CE
E XL 23012	Mechanical limit switch. 230 Nm, 12 rpm	1	CE
E XL 30012	Mechanical limit switch. 300 Nm, 12 rpm	1	CE

TECHNICAL SPECIFICATION

Code	E XL 12012	E XL 15012	E XL 18012	E XL 23012	E XL 30012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	3.4	3.5	3.7	3.9	5.4
Power (W)	700	740	780	810	1250
PERFORMANCE					
Torque (Nm)	120	150	180	230	300
Speed (rpm)	12				
Lifted weight* (kg)	162	203	243	311	405
Number of turns before the stop	36				
Continuous operating time (min)	6			5	
DIMENSIONAL DATA					
Length (L) (mm)	639/626				679/666
Weight of motor (kg)	13.4	11.83	11.2		13.8
Pack dimensions (mm)	750x210x210				

Protection classIP44.

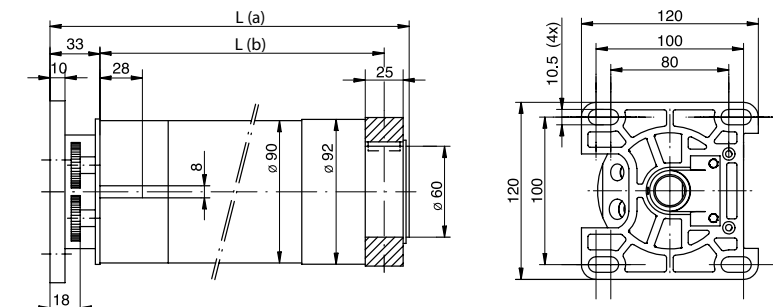
*Value with 108 mm diameter octagonal roller.

POWER CABLE

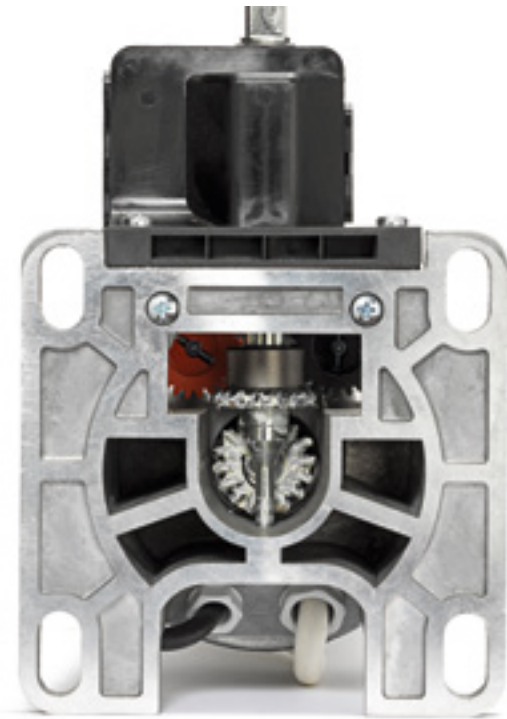
Length 3 m, 4 wires in cable



DIMENSIONS



With emergency override mechanism,
for large awnings



Tubular motors with mechanical limit switch and manual emergency override mechanism.

XL size

Ø 90 mm

Powerful and fast:

up to 300 Nm torque in complete comfort, 12 rpm.

Reliable, thanks to the manual emergency override mechanism

The motor guarantees operation even in the event of black-out, manual transmission is activated automatically when the handle is used.

Safe, thanks to the possibility of combining safety accessories such as the drop-prevention device and sensitive edge.

Easy to install: the fixing plates must be mounted perpendicular to the installation site. If the surface is uneven, the special wall plate (article 537.10001) must be used.

230 Vac



Code	Description	Certificates
E XLH 12012	Mechanical limit switch, manual emergency override mechanism. 120 Nm, 12 rpm	CE
E XLH 15012	Mechanical limit switch, manual emergency override mechanism. 150 Nm, 12 rpm	CE
E XLH 18012	Mechanical limit switch, manual emergency override mechanism. 180 Nm, 12 rpm	CE
E XLH 23012	Mechanical limit switch, manual emergency override mechanism. 230 Nm, 12 rpm	CE
E XLH 30012	Mechanical limit switch, manual emergency override mechanism. 300 Nm, 12 rpm	CE

TECHNICAL SPECIFICATION

Code	E XLH 12012	E XLH 15012	E XLH 18012	E XLH 23012	E XLH 30012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	3.4	3.5	3.7	3.9	5.4
Power (W)	700	740	780	810	1250
PERFORMANCE					
Torque (Nm)	120	150	180	230	300
Speed (rpm)	12				
Lifted weight* (kg)	162	203	243	311	405
Number of turns before the stop	36				
Continuous operating time (min)	6			5	
DIMENSIONAL DATA					
Length (L) (mm)	639/626			679/666	
Weight of motor (kg)	13.4	11.8		11.2	13.8
Pack dimensions (mm)	750x210x210				

Protection class IP44.

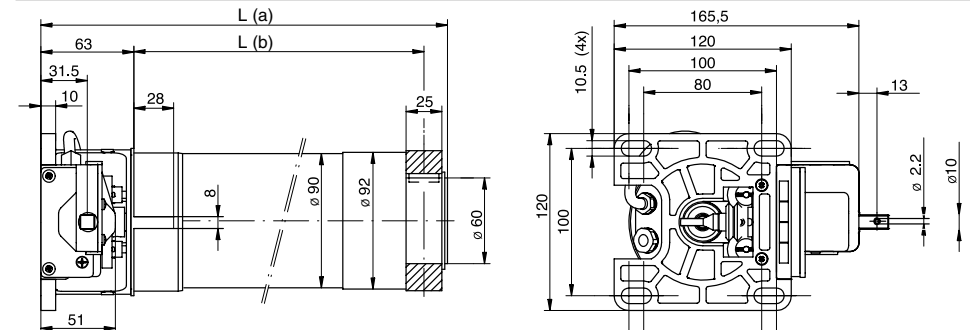
*Value with 108 mm diameter octagonal roller.

POWER CABLE

Length 3 m, 4 wires in cable



DIMENSIONS





Model	Description	Certificates
CK28000AO	Mechanical limit switch, for canopy awnings. 15 Nm, 17 rpm, 28 kg*	CE

*Lifted weight

TECHNICAL SPECIFICATION

Code	CK28000AO
ELECTRICAL SPECIFICATIONS	
Power supply (Vac/Hz)	230/50
Absorption (A)	0.75
Power (W)	170
PERFORMANCE	
Torque (Nm)	15
Speed (rpm)	17
Lifted weight* (kg)	28
No. winder cables	2 (3 With optional accessory)
Continuous operating time (min)	4
DIMENSIONAL DATA	
Dimensions (L) (mm)	568x98x226
Weight (kg)	4.6
Pack dimensions (mm)	610x260x150

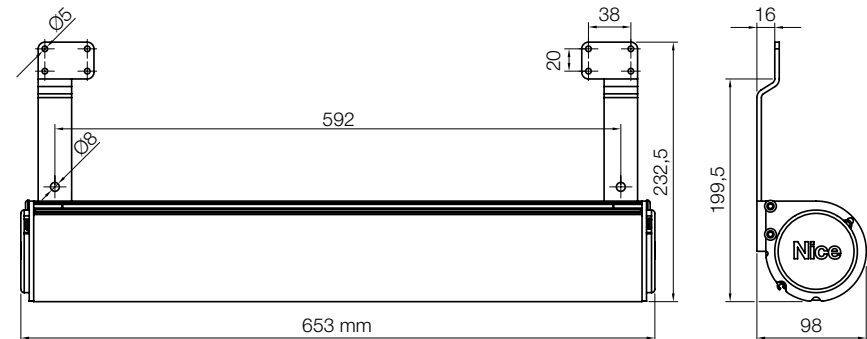
Protection class IP44.

POWER CABLE

Length 2.5 m, 4 wires in cable



DIMENSIONS



Tubular motor with mechanical limit switch.

M size

Ø 45 mm

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Immediately ready for installation, without having to assemble the components.

The pre-mounted structure consisting in fixing brackets and aluminium box contains:

- the tubular motor with pre-installed adapter;
- the roller and cable locking rings to guide cable winding.

Pakokit E

Kit for canopy awnings, with built-in radio receiver



Tubular motor with electronic limit switch and built-in receiver.

M size

Ø 45 mm

Simple configuration

Remote programming by transmitter and possibility of pre-programming the limit switch in the factory during the assembly phase. This makes on-site installation ultra-simple, just press a key to begin the first manoeuvre.

Easy memorising of transmitters, without having to connect or access the motor. Remote activation of new transmitters once the first is memorised.

Simple intuitive connection to Nemo and Volo S-Radio climatic sensors.

Reliable and precise

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

Safe

The awning stops and movement is blocked in the event of obstacles.

Model	Description	Certificates
CK28000A2	Electronic limit switch, built-in radio receiver, for canopy awnings. 15 Nm, 17 rpm, 28 kg*	CE

*Lifted weight

TECHNICAL SPECIFICATION

Code	CK28000A2
ELECTRICAL SPECIFICATIONS	
Power supply (Vac/Hz)	230/50
Absorption (A)	0.75
Power (W)	170
PERFORMANCE	
Torque (Nm)	15
Speed (rpm)	17
Lifted weight* (kg)	28
NO. winder cables	2 (3 With optional accessory)
Continuous operating time (min)	4
DIMENSIONAL DATA	
Dimensions (L) (mm)	568x98x226
Weight (kg)	4.6
Pack dimensions (mm)	610x260x150

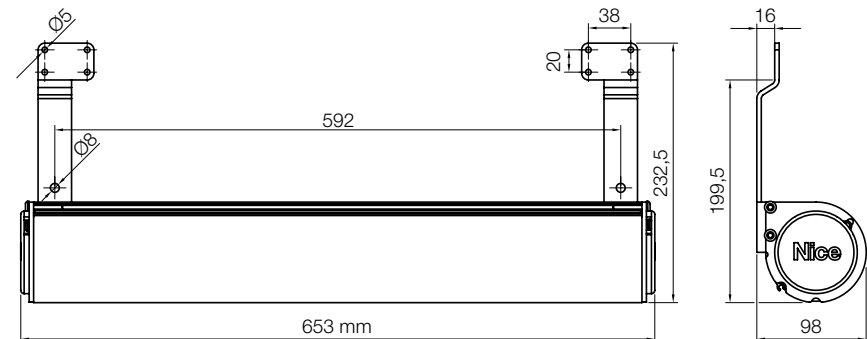
Protection class IP44.

POWER CABLE

Length 2.5 m, 3 wires in cable



DIMENSIONS







Solutions for rolling shutters and rolling door

156. How to choose the ideal motor

162. The Nice range of tubular motors for rolling shutters

19. Control and programming systems

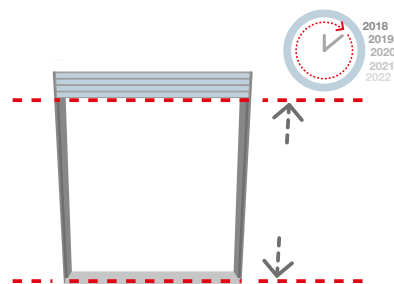
76. DIN modules for advanced building management

195. Adapters and supports

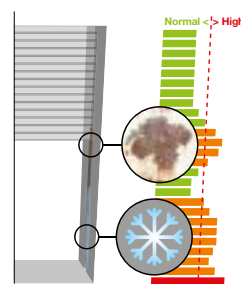
For rolling shutters

FUNCTIONS AND CHARACTERISTICS	SERIE ERA																		
	S	STAR SA	MAT SA	M	MH	STAR MA	MAT MA	QUICK M	FIT M BD	FIT M	PLUS M	PLUS MH	L	LH	STAR LA	MAT LA	PLUS LH	XLH	
	Ø 35 mm			Ø 45 mm									Ø 58 mm				Ø 90 mm		
Mechanical limit switch	•			•	•							•	•	•				•	•
Pushbutton limit switch								•			•								
Electronic limit switch		•	•			•	•		•	•					•	•			
Built-in radio receiver			•				•			•	•	•				•	•		
Built-in bidirectional radio receiver									•										
TTBus Technology			•				•				•	•				•	•		
Emergency override mechanism					•							•		•			•	•	
Manual limit switch programming		•	•			•	•	•	•	•	•				•	•			
Semi-automatic limit switch programming		•	•			•	•								•	•			
Automatic limit switch programming		•	•			•	•								•	•			
Intermediate heights			•				•		•	•						•			
Rolling shutter protection		•					•												
Rolling shutter protection (programmable thresholds)			•			•	•												
Connection in parallel*		•	•			•	•	•			•				•	•			
Memory locking			•						•	•	•	•				•	•		

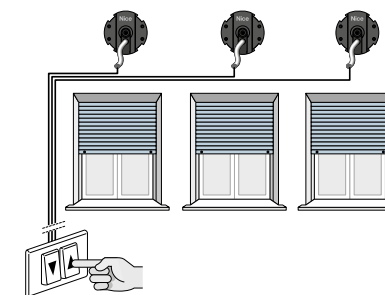
*A number of motors can be activated from a single point, without installing additional control units. For further information, see the technical glossary on page 255.



Maximum precision
The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.



Rolling shutter protection
Control of force protects the rolling shutter from damage caused by freezing or excessive friction during raising and recognises possible obstacles during lowering. The recognition can be adjusted on a number of levels, it preserves the rolling shutter from damage and, when anti-intrusion springs are fitted, improves resistance.

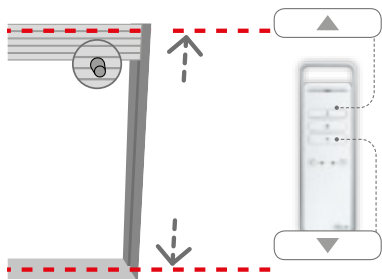


Connection of a number of motors in parallel
A number of motors with electronic limit switches can be connected together in parallel from a single control point, without the need for additional control units.

For rolling shutters with mechanical limit switches

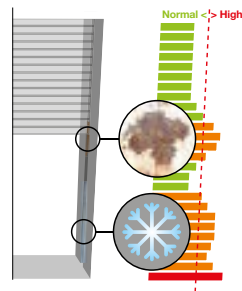
FUNCTIONS AND CHARACTERISTICS	ERA SERIES							
	STAR SA	STAR SP	FIT SP	MAT SA	STAR MA	STAR MP	FIT MP	MAT MA
	Ø 35 mm				Ø 45 mm			
Electronic limit switch	•	•	•	•	•	•	•	•
Built-in radio receiver			•	•			•	•
TtBus Technology				•				•
Manual limit switch programming	•			•	•			•
Semi-automatic limit switch programming	•			•	•			•
Automatic limit switch programming	•			•	•			•
Plug-and-play		•	•			•	•	
Smart-Nemo			•				•	
Intermediate heights			•	•				•
Rolling shutter protection		•	•			•	•	
Rolling shutter protection (programmable thresholds)	•			•	•			•
Connection in parallel*	•	•		•	•	•		•
Memory locking			•	•				•

*A number of motors can be activated from a single point, without installing additional control units.
For further information, see the technical glossary on page 255.



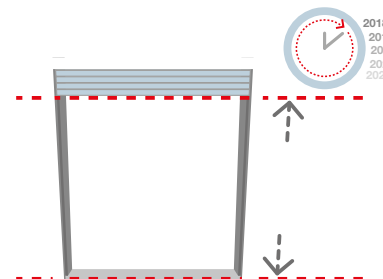
Automatic programming of limit switches

When used for the first time, the opening and closing limit switches can be set with just two simple clicks from the transmitter (up-down).



Rolling shutter protection

Control of force protects the rolling shutter from damage caused by freezing or excessive friction during raising and recognises possible obstacles during lowering. The recognition can be adjusted on a number of levels, it preserves the rolling shutter from damage and, when anti-intrusion springs are fitted, improves resistance.



Maximum precision

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

For rolling shutters with positionable slats

FUNCTIONS AND CHARACTERISTICS	ERA SERIES
	MAT M0
	Ø 45 mm
Electronic limit switch	•
Limit switch with built-in radio receiver	•
TtBus Technology	•
Manual limit switch programming	•
Connection in parallel*	•

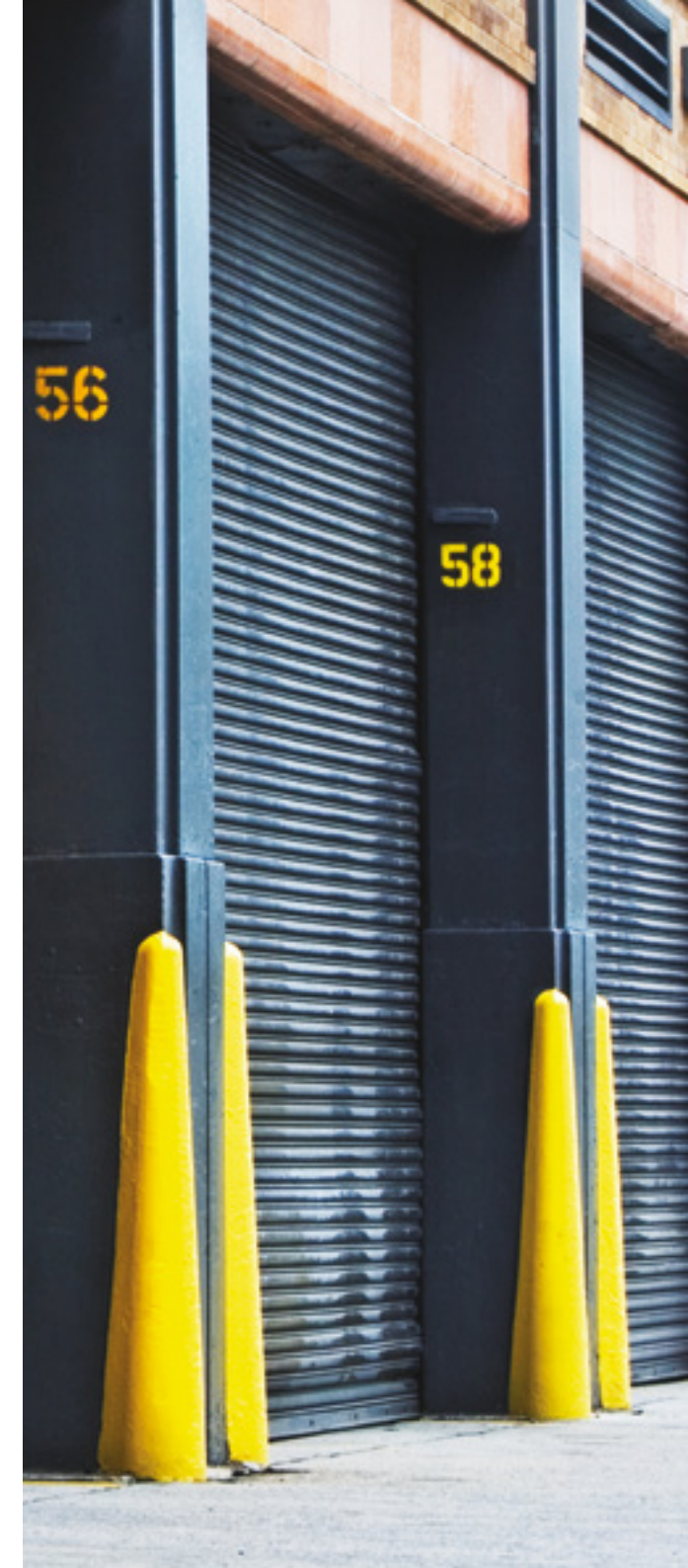
*A number of motors are managed simultaneously from a single point, without installing additional control units; this excludes control of individual automations.
For further information, see the technical glossary on page 255.



For rolling doors

FUNCTIONS AND CHARACTERISTICS	ERA SERIES						
	L	LH	STAR LA	MAT LA	PLUS LH	XL	XLH
	Ø 58 mm					Ø 90 mm	
Mechanical limit switch	•	•			•	•	•
Electronic limit switch			•	•			
Limit switch with built-in radio receiver				•	•		
TtBus Technology				•	•		
Emergency override mechanism		•			•		•
Manual limit switch programming			•	•			
Semi-automatic limit switch programming			•	•			
Automatic limit switch programming			•	•			
Intermediate heights				•			
Connection in parallel*			•	•			
Memory locking				•	•		

*A number of motors are managed simultaneously from a single point, without installing additional control units; this excludes control of individual automations.
For further information, see the technical glossary on page 255.



How to choose the ideal motor

Nice provides this simple guide to establish:

- the ideal torque in Nm to automate all types of rolling shutter in complete safety;
- the weight of the rolling shutter / rolling door

To calculate the weight of the rolling shutter, multiply the surface area in m² (base x height) by the weight per m² of the material used.

$$\begin{array}{r}
 \text{Surface area (Base x Height)} \\
 \times \\
 \text{Weight per m}^2 \\
 = \\
 \text{Shutter / rolling door weight}
 \end{array}$$

Guideline weights per m² of rolling shutter / rolling door

Material	kg/m ²
High density aluminium with expanded polyurethane	3-6
Extruded aluminium	8-10*
Shutter aluminium	5-8
Extruded aluminium with polyurethane	7-9
PVC	5-8*
Steel	8-12
Steel with expanded polyurethane	10-12
Armoured "Sicofer" steel	15-18
Wood	10-11

* The values indicated can be as much as doubled by the presence of reinforcements or if the material used is particularly thick.

Guideline table

ROLLING SHUTTER / ROLLING DOOR WIDTH (cm)

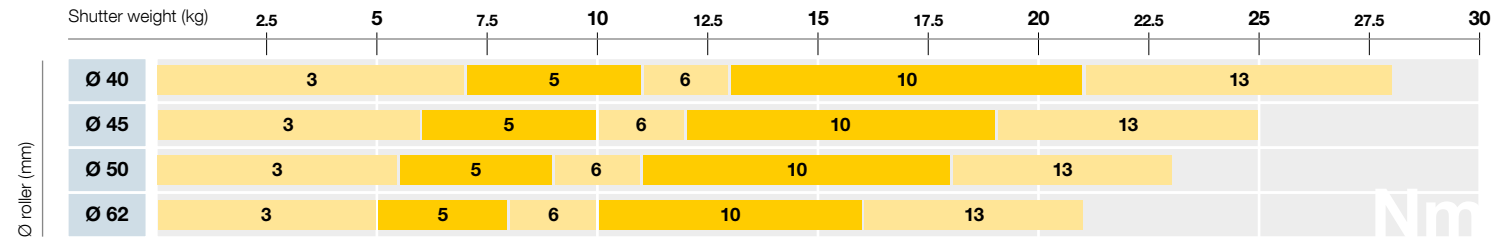
		80	100	120	140	160	180	200	220	240	260	280	300	320
ROLLING SHUTTER / ROLLING DOOR HEIGHT (cm)	100	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0	13,0	14,0	15,0	16,0
		6,0	7,5	9,0	10,5	12,0	13,5	15,0	16,5	18,0	19,5	21,0	22,5	24,0
		8,0	10,0	12,0	14,0	16,0	18,0	20,0	22,0	24,0	26,0	28,0	30,0	32,0
		12,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	39,0	42,0	45,0	48,0
	120	4,8	6,0	7,2	8,4	9,6	10,8	12,0	13,2	14,4	15,6	16,8	18,0	19,2
		7,2	9,0	10,8	12,6	14,4	16,2	18,0	19,8	21,6	23,4	25,2	27,0	28,8
		9,6	12,0	14,4	16,8	19,2	21,6	24,0	26,4	28,8	31,2	33,6	36,0	38,4
		14,4	18,0	21,6	25,2	28,8	32,4	36,0	39,6	43,2	46,8	50,4	54,0	57,6
	140	5,6	7,0	8,4	9,8	11,2	12,6	14,0	15,4	16,8	18,2	19,6	21,0	22,4
		8,4	10,5	12,6	14,7	16,8	18,9	21,0	23,1	25,2	27,3	29,4	31,5	33,6
		11,2	14,0	16,8	19,6	22,4	25,2	28,0	30,8	33,6	36,4	39,2	42,0	44,8
		16,8	21,0	25,2	29,4	33,6	37,8	42,0	46,2	50,4	54,6	58,8	63,0	67,2
160	6,4	8,0	9,6	11,2	12,8	14,4	16,0	17,6	19,2	20,8	22,4	24,0	25,6	
	9,6	12,0	14,4	16,8	19,2	21,6	24,0	26,4	28,8	31,2	33,6	36,0	38,4	
	12,8	16,0	19,2	22,4	25,6	28,8	32,0	35,2	38,4	41,6	44,8	48,0	51,2	
	19,2	24,0	28,8	33,6	38,4	43,2	48,0	52,8	57,6	62,4	67,2	72,0	76,8	
180	7,2	9,0	10,8	12,6	14,4	16,2	18,0	19,8	21,6	23,4	25,2	27,0	28,8	
	10,8	13,5	16,2	18,9	21,6	24,3	27,0	29,7	32,4	35,1	37,8	40,5	43,2	
	14,4	18,0	21,6	25,2	28,8	32,4	36,0	39,6	43,2	46,8	50,4	54,0	57,6	
	21,6	27,0	32,4	37,8	43,2	48,6	54,0	59,4	64,8	70,2	75,6	81,0	86,4	
200	8,0	10,0	12,0	14,0	16,0	18,0	20,0	22,0	24,0	26,0	28,0	30,0	32,0	
	12,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	39,0	42,0	45,0	48,0	
	16,0	20,0	24,0	28,0	32,0	36,0	40,0	44,0	48,0	52,0	56,0	60,0	64,0	
	24,0	30,0	36,0	42,0	48,0	54,0	60,0	66,0	72,0	78,0	84,0	90,0	96,0	
220	8,8	11,0	13,2	15,4	17,6	19,8	22,0	24,2	26,4	28,6	30,8	33,0	35,2	
	13,2	16,5	19,8	23,1	26,4	29,7	33,0	36,3	39,6	42,9	46,2	49,5	52,8	
	17,6	22,0	26,4	30,8	35,2	39,6	44,0	48,4	52,8	57,2	61,6	66,0	70,4	
	26,4	33,0	39,6	46,2	52,8	59,4	66,0	72,6	79,2	85,8	92,4	99,0	105,6	
240	9,6	12,0	14,4	16,8	19,2	21,6	24,0	26,4	28,8	31,2	33,6	36,0	38,4	
	14,4	18,0	21,6	25,2	28,8	32,4	36,0	39,6	43,2	46,8	50,4	54,0	57,6	
	19,2	24,0	28,8	33,6	38,4	43,2	48,0	52,8	57,6	62,4	67,2	72,0	76,8	
	28,8	36,0	43,2	50,4	57,6	64,8	72,0	79,2	86,4	93,6	100,8	108,0	115,2	
260	10,4	13,0	15,6	18,2	20,8	23,4	26,0	28,6	31,2	33,8	36,4	39,0	41,6	
	15,6	19,5	23,4	27,3	31,2	35,1	39,0	42,9	46,8	50,7	54,6	58,5	62,4	
	20,8	26,0	31,2	36,4	41,6	46,8	52,0	57,2	62,4	67,6	72,8	78,0	83,2	
	31,2	39,0	46,8	54,6	62,4	70,2	78,0	85,8	93,6	101,4	109,2	117,0	124,8	
280	11,2	14,0	16,8	19,6	22,4	25,2	28,0	30,8	33,6	36,4	39,2	42,0	44,8	
	16,8	21,0	25,2	29,4	33,6	37,8	42,0	46,2	50,4	54,6	58,8	63,0	67,2	
	22,4	28,0	33,6	39,2	44,8	50,4	56,0	61,6	67,2	72,8	78,4	84,0	89,6	
	33,6	42,0	50,4	58,8	67,2	75,6	84,0	92,4	100,8	109,2	117,6	126,0	134,4	

5 kg/m² 7,5 kg/m² 10 kg/m² 15 kg/m²

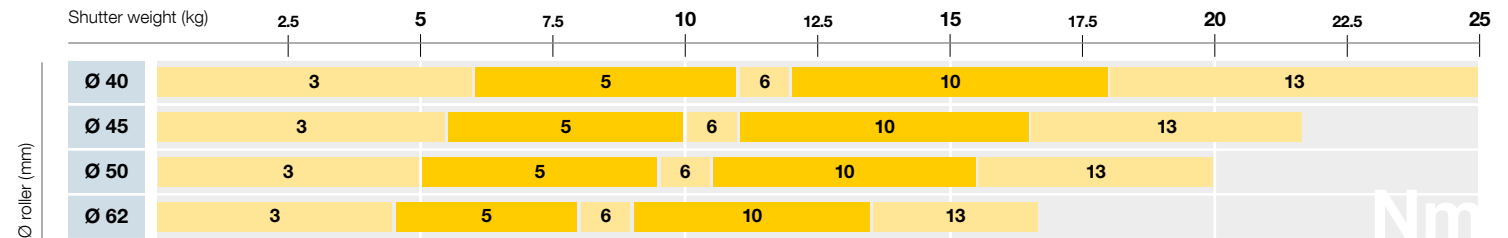
Rolling shutter with max. slat thickness of 9 mm and max. height of 40 mm

Tubular motors Ø 35 mm

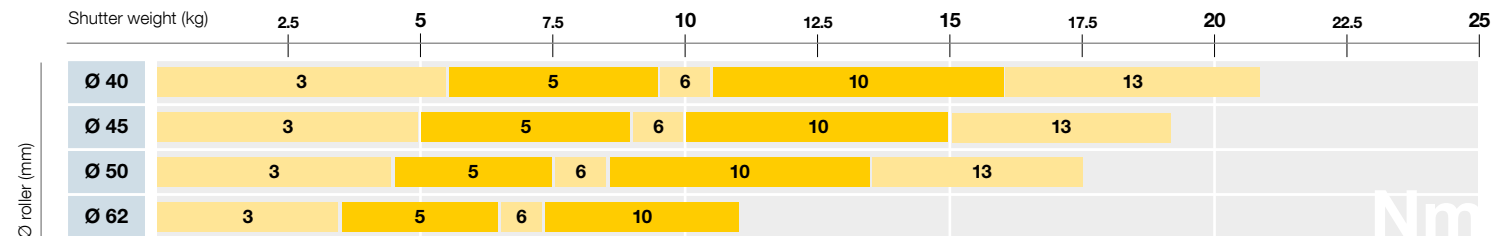
Shutter height up to 1.5 m



Shutter height from 1.5 m to 2.5 m



Shutter height from 2.5 m to 3.5 m



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

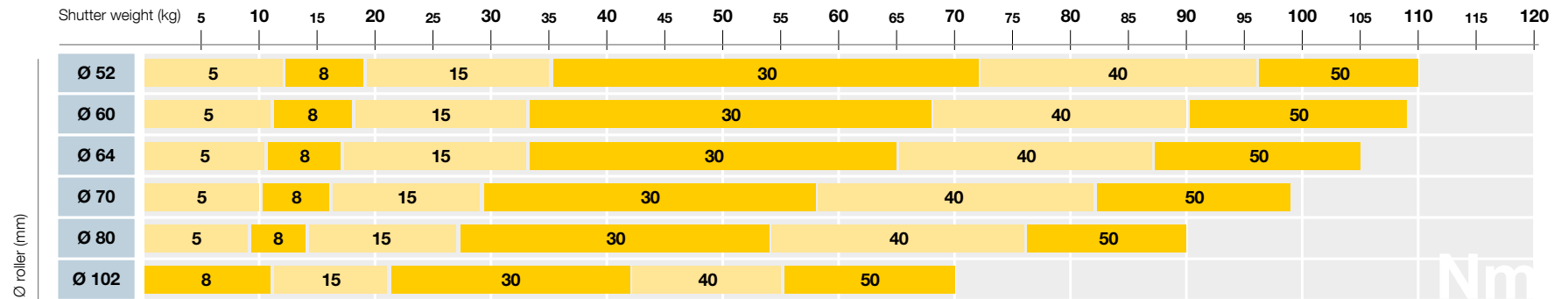
Adapters and supports

Installation guide

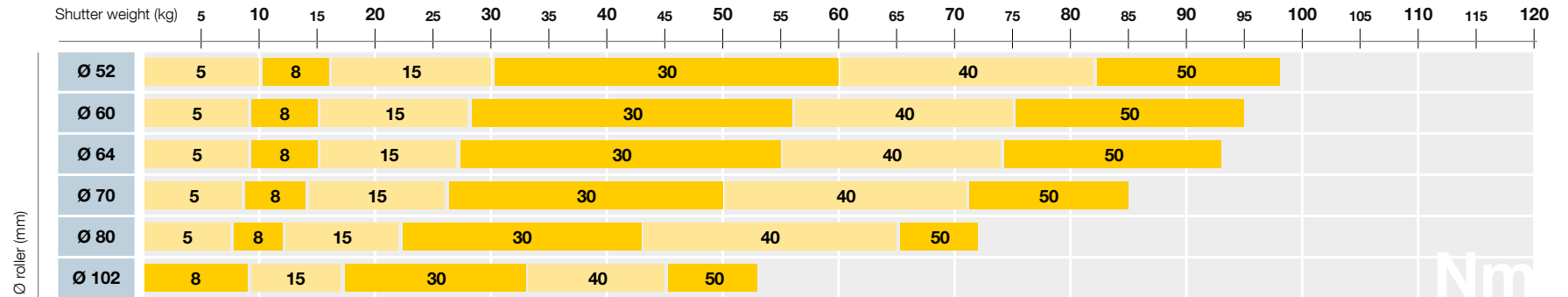
Rolling shutter with max. slat thickness of 14 mm and max. height of 55 mm

Tubular motors Ø 45 mm

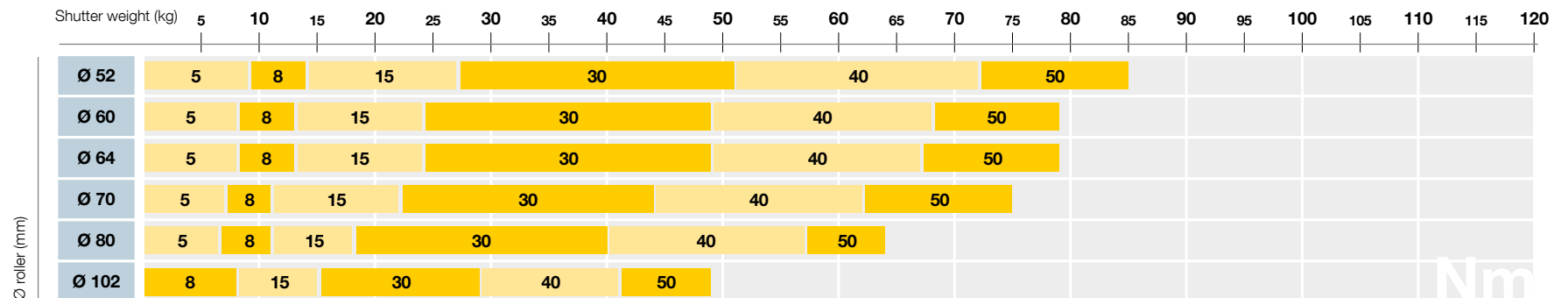
Shutter height up to 1.5 m



Shutter height from 1.5 m to 2.5 m



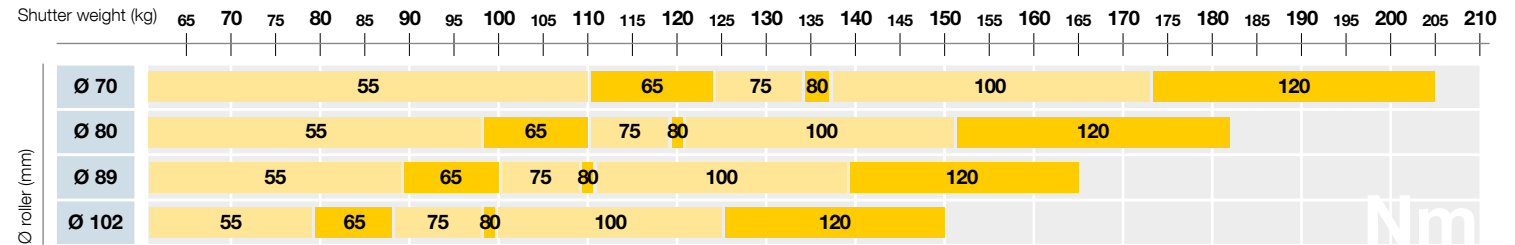
Shutter height from 2.5 m to 3.5 m



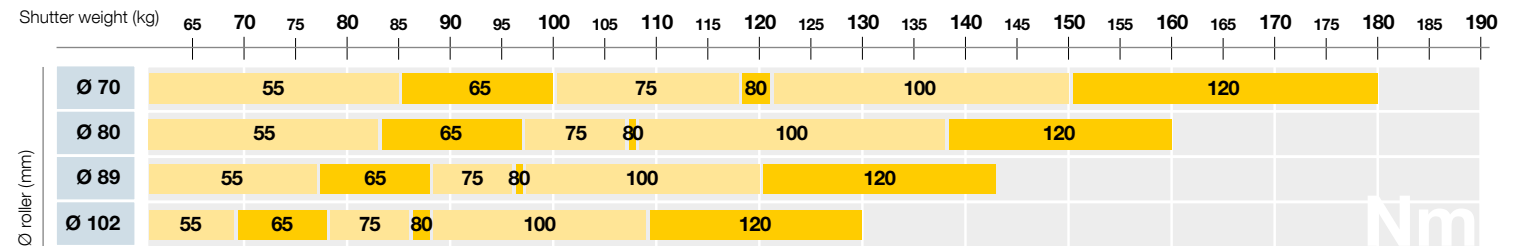
Rolling shutter with max. slat thickness of 14 mm and max. height of 55 mm

Tubular motors Ø 58 mm

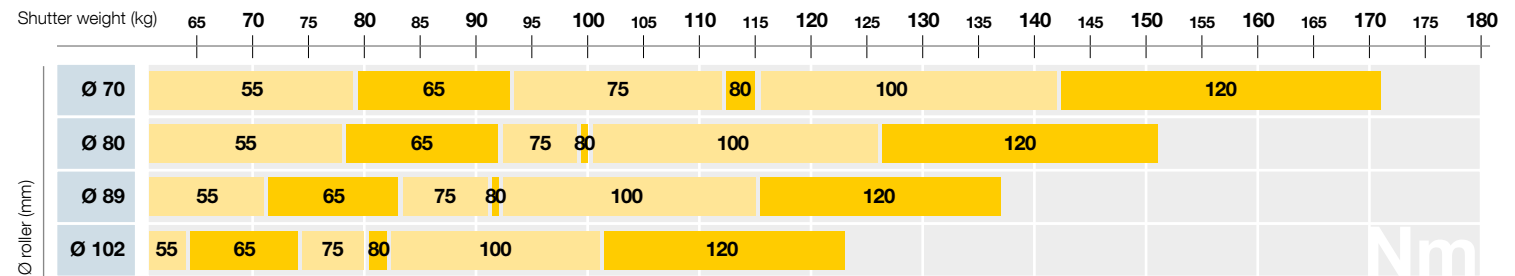
Shutter height up to 1.5 m



Shutter height from 1.5 m to 2.5 m



Shutter height from 2.5 m to 3.5 m



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

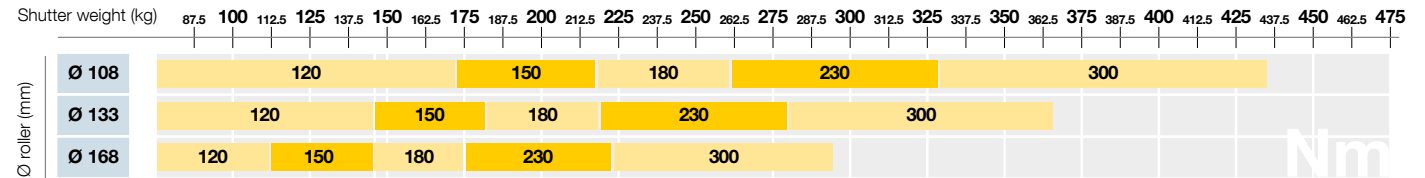
Adapters and supports

Installation guide

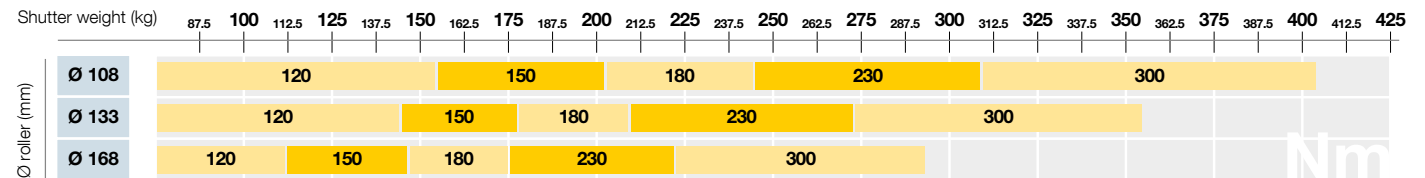
Rolling shutter with max. slat thickness of 14 mm and max. height of 100 mm

Tubular motors Ø 90 mm

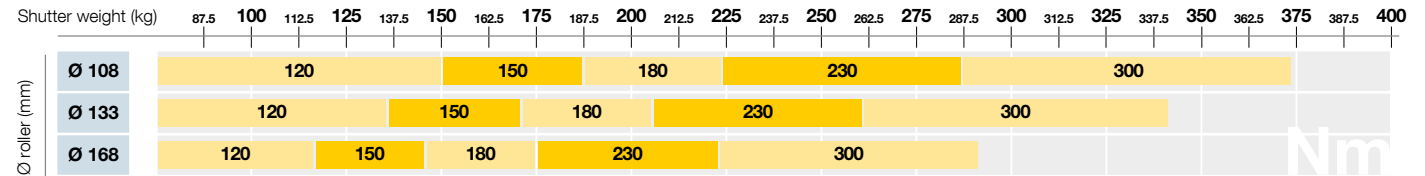
Rolling door or rolling shutter height up to 2 m



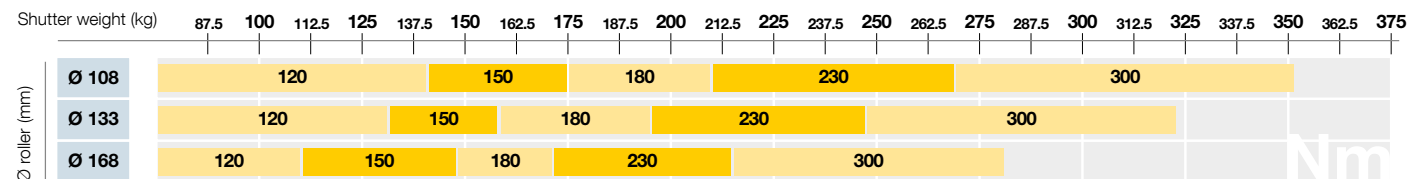
Rolling door or rolling shutter height from 2 m to 3 m



Rolling door or rolling shutter height from 3 m to 4 m



Rolling door or rolling shutter height from 4 m to 5 m



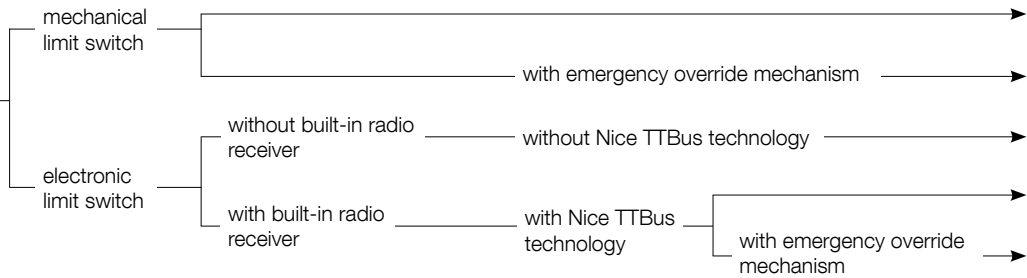


Index of tubular motors for rolling shutters and rolling door

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		without Nice TTBUS technology			•	•	167				
		with Nice TTBUS technology			•	•	168				
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*Available until December 31st 2019

**ERA L
Ø 58 mm**



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Ø 90 mm**



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Tubular motor with mechanical limit switch.

S size

Ø 35 mm

Particularly suitable for compact installations:
useful length 402 mm, for motors up to 10 Nm torque.

Ideal in environments where the noise level must be reduced to a minimum.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

Time saving and simple electrical connections; thanks to the double insulation, the motor does not need an earth wire.

Code	Description	Pcs./pack	Certificates
E S 324	Mechanical limit switch. 3 Nm, 24 rpm, 6.5 kg*	1	NF CE
E S 524	Mechanical limit switch. 5 Nm, 24 rpm, 11 kg*	1	NF CE
E S 611	Mechanical limit switch. 6 Nm, 11 rpm, 12 kg*	1	NF CE
E S 1011	Mechanical limit switch. 10 Nm, 11 rpm, 18 kg*	1	NF CE
E S 1311	Mechanical limit switch. 13 Nm, 11 rpm, 25 kg*	1	NF CE

*Lifted weight, value calculated with 40 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E S 324	E S 524	E S 611	E S 1011	E S 1311
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	0.38	0.54	0.40	0.54	0.55
Power (W)	85	120	90	120	140
Power consumption in standby (W)	<0.5				
PERFORMANCE					
Torque (Nm)	3	5	6	10	13
Speed (rpm)	24		11		
Lifted weight (kg)*	6.5	11	12	18	25
Number of turns before the stop	35				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	402				
Weight of motor (kg)	1				1.2
Pack dimensions (mm)	90x90x440				90x90x465

Protection class IP44.

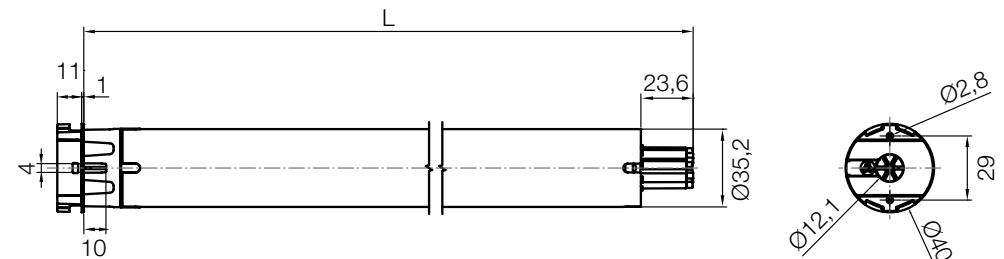
*Value calculated with 40 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 3 wires in cable



DIMENSIONS



Nice

Era Star SA

With electronic limit switch

230 Vac



Tubular motor with electronic limit switch.

S size
Ø 35 mm.

Simple limit switch adjustment in manual, semi-automatic and automatic mode.

Useful feedback from rolling shutter movement.

Flawless movement even with friction: thanks to control of raising force, protects the shutter from damage during freezing conditions and recognises obstacles during lowering. This recognition is adjustable.

Guarantees adequate protection against break-in when the rolling shutter is equipped with anti-intrusion springs.

Safety for the automation.

High precision shutter positions:

dynamic auto-update of limit switches (automatic and semi-automatic modes only) to compensate for expansion or shrinkage of the structure over time. The **encoder technology** guarantees millimetric precision, maintenance of set values over time (including in high temperatures) and constant optimum force on the shutter.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Time saving and simple electrical connections

Thanks to the double insulation, no earth wire is needed.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR SA 611	Electronic limit switch. 6 Nm, 11 rpm, 12 kg*	1	NF CE
E STAR SA 1011	Electronic limit switch. 10 Nm, 11 rpm, 18 kg*	1	NF CE

*Lifted weight, value calculated with 40 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E STAR SA 611	E STAR SA 1011
ELECTRICAL SPECIFICATIONS		
Power supply (Vac/Hz)	230/50	
Absorption (A)	0.40	0.54
Power (W)	90	120
Absorbed power in stand-by (W)	<0.5	
PERFORMANCE		
Torque (Nm)	6	10
Speed (rpm)	11	
Lifted weight* (kg)	12	18
Number of turns before the stop	>100	
Continuous operating time (min)	4	
DIMENSIONAL DATA		
Length (L) (mm)	496	
Weight of motor (kg)	1	2.45
Pack dimensions (mm)	90x90x530	

Protection class IP44.

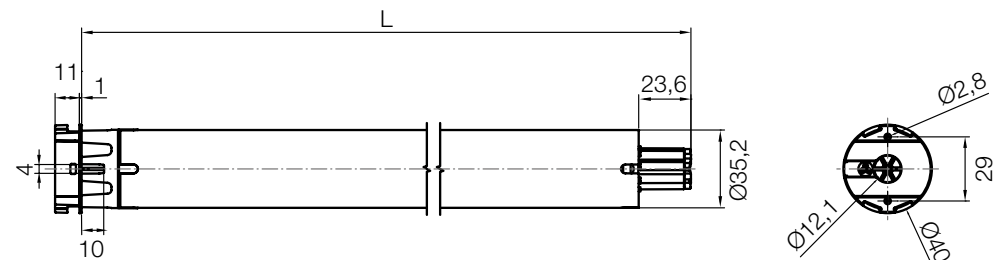
*Value calculated with 40 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 3 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

Era Star^{SP}

Plug-and-play

230 Vac



Tubular motor with electronic limit switch.

S size
Ø 35 mm.

Maximum ease of installation and maintenance.

No programming needed thanks to the Plug-and-Play installation, with automatic continuous memorising of limit switches. The motor updates the limit positions every 120 manoeuvres, compensating for lengthening and shortening of the structure over time and extending its working life.

Flawless movement even with friction

Thanks to control of raising force and obstacle recognition during lowering, the motor protects the shutter from damage during freezing conditions. If an obstacle is detected, the motor reverses the manoeuvre and rewinds the rolling shutter for 50%.

Safety for the automation.

Release function

When the opening and closing positions are reached, the motor stops movement smoothly, without straining the structure.

Up to 8 motors with a maximum of 100 metres of cable can be connected and controlled from a single control point without the need for additional control units.

Time saving and simple electrical connections
Thanks to the double insulation, the motor does not need an earth wire.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR SP 611	Electronic limit switch, Plug-and-play. 6 Nm, 11 rpm, 12 kg*	1	NF CE
E STAR SP 1011	Electronic limit switch, Plug-and-play. 10 Nm, 11 rpm, 18 kg*	1	NF CE

*Lifted weight, value calculated with 40 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E STAR SP 611	E STAR SP 1011
ELECTRICAL SPECIFICATIONS		
Power supply (Vac/Hz)	230/50	
Absorption (A)	0.40	0.54
Power (W)	90	120
Absorbed power in stand-by (W)	<0.5	
PERFORMANCE		
Torque (Nm)	6	10
Speed (rpm)	11	
Lifted weight* (kg)	12	18
Number of turns before the stop	>100	
Continuous operating time (min)	4	
DIMENSIONAL DATA		
Length (L) (mm)	496	
Weight of motor (kg)	1	2.45
Pack dimensions (mm)	90x90x530	

Protection class IP44.

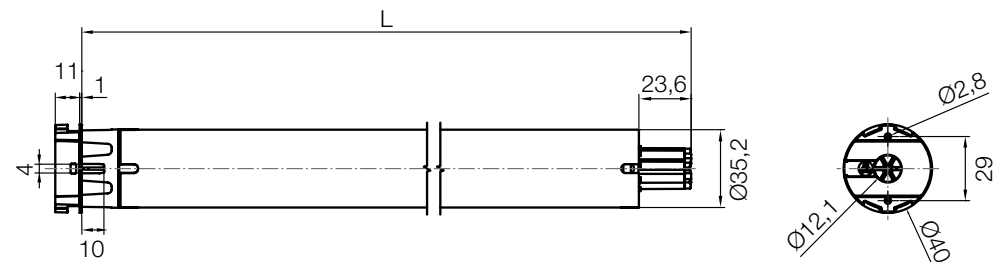
*Value calculated with 40 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 3 wires in cable



DIMENSIONS



Era Fit^{SP}

Plug-and-play with built-in radio receiver



Tubular motor with electronic limit switch and built-in receiver.

S size

Ø 35 mm.

Maximum ease of installation and maintenance.

No programming needed thanks to the plug-and-play installation and automatic continuous memorising of limit switches. The motor updates the limit positions every 120 manoeuvres, compensating for lengthening and shortening of the structure over time and extending its working life.

Exclusive Smart-Memo function During installation of the rolling shutter, the exclusive Smart-Memo function recognises any Nice transmitter as a "test transmitter", without having to perform the memorising procedure. The memory is cleared by simply disconnecting the motor.

Flawless movement even with friction Thanks to control of raising force and obstacle recognition during lowering, the motor protects the shutter from damage during freezing conditions. If an obstacle is detected, the motor reverses the manoeuvre and rewinds the rolling shutter for 50%.

Release function

When the opening and closing positions are reached, the motor stops movement smoothly, without straining the structure.

Go To Position function

A simple touch on the slider of Nice Era P Vario or Agio transmitters will take the shutter to the position corresponding to the pressure point, from 0 to 100% of travel.

Ventilation position

A double click on the down button of the transmitter will raise the rolling shutter partially to change the air in the room.

Up to 8 motors with a maximum of 100 metres of cable can be connected and controlled from a single control point without the need for additional control units.

Thanks to the double insulation, no earth wire is needed.

Code	Description	Pcs./pack	Certificates
E FIT SP 611	Electronic limit switch, built-in receiver, Plug-and-Play. 6 Nm, 11 rpm, 12 kg*	1	NF CE
E FIT SP 1011	Electronic limit switch, built-in receiver, Plug-and-Play. 10 Nm, 11 rpm, 18 kg*	1	NF CE

*Lifted weight, value calculated with 40 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E FIT SP 611	E FIT SP 1011
ELECTRICAL SPECIFICATIONS		
Power supply (Vac/Hz)	230/50	
Absorption (A)	0.40	0.54
Power (W)	90	120
Absorbed power in stand-by (W)	<0.5	
PERFORMANCE		
Torque (Nm)	6	10
Speed (rpm)	11	
Lifted weight* (kg)	12	18
Number of turns before the stop	>100	
Continuous operating time (min)	4	
DIMENSIONAL DATA		
Length (L) (mm)	496	
Weight of motor (kg)	1	2.45
Pack dimensions (mm)	90x90x530	

Protection class IP44.

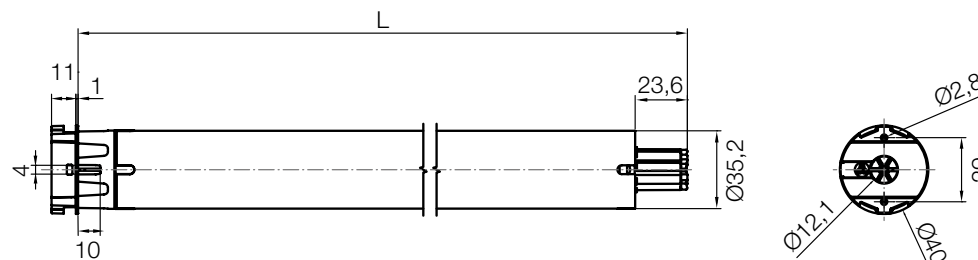
*Value calculated with 40 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 2 wires in cable



DIMENSIONS



Era Mat SA



With electronic limit switch, built-in receiver and Nice TTBus technology



Tubular motor with electronic limit switch, built-in receiver and Nice TTBus technology.

S Size

Ø 35 mm

Simple remote adjustment of the limit switch by transmitter or with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode.

Useful feedback from roller shutter movement.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Adjustment of a number of intermediate opening positions.

Thanks to Nice TTBus 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

A number of motors can be connected and controlled in parallel from a single point without the need for additional control units.

Maximum precision in the shutter positions

Dynamic auto-update of limit switches (automatic and semi-automatic modes only) to compensate for expansion or shrinkage of the structure over time. The **encoder technology** in fact guarantees millimetric precision, maintenance of set values over time (including in high temperatures) and constant optimum force on the shutter.

Flawless movement even with friction

Thanks to control of raising force and obstacle recognition during lowering, the motor protects the shutter from damage during freezing conditions. This recognition is adjustable. Guarantees adequate protection against break-in.

Thanks to the double insulation, no earth wire is needed.

Code	Description	Pcs./pack	Certificates
E MAT SA 611	Electronic limit switch, built-in receiver, TTBus. 6 Nm, 11 rpm, 12 kg*	1	NF CE
E MAT SA 1011	Electronic limit switch, built-in receiver, TTBus. 10 Nm, 11 rpm, 18 kg*	1	NF CE

*Lifted weight, value calculated with 40 mm diameter octagonal roller

TECHNICAL SPECIFICATION

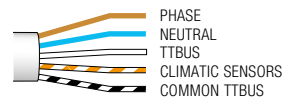
Code	E MAT SA 611	E MAT SA 1011
ELECTRICAL SPECIFICATIONS		
Power supply (Vac/Hz)	230/50	
Absorption (A)	0.40	0.54
Power (W)	90	120
Absorbed power in stand-by (W)	<0.5	
PERFORMANCE		
Torque (Nm)	6	10
Speed (rpm)	11	
Lifted weight* (kg)	12	18
Number of turns before the stop	>100	
Continuous operating time (min)	4	
DIMENSIONAL DATA		
Length (L) (mm)	496	
Weight of motor (kg)	1	2.45
Pack dimensions (mm)	90x90x530	

Protection class IP44.

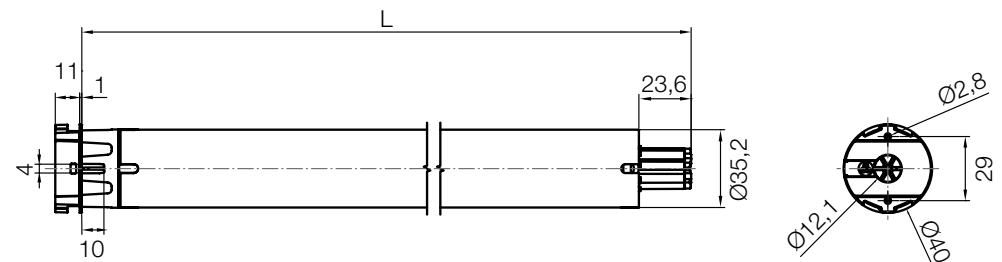
*Value calculated with 40 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 5 wires in cable



DIMENSIONS



Nice Era^M

With mechanical limit switch



Tubular motor with mechanical limit switch.

M size
Ø 45 mm

Suitable for both large-scale applications with the 50 Nm 12 rpm version and **small structures** with the high speed 4 Nm 26 rpm version.

Particularly suitable for compact installations: useful length 426 mm.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

230 Vac



Code	Description	Pcs./pack	Certificates
E M 426	Mechanical limit switch. 4 Nm, 26 rpm, 8 kg*	1	NF CE
E M 1026	Mechanical limit switch. 10 Nm, 26 rpm, 19 kg*	1	NF CE
E M 517	Mechanical limit switch. 5 Nm, 17 rpm, 9 kg*	1	NF CE
E M 817	Mechanical limit switch. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E M 1517	Mechanical limit switch. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E M 3017	Mechanical limit switch. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E M 4012	Mechanical limit switch. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E M 5012	Mechanical limit switch. 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter roller.

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E M 426	E M 1026	E M 517	E M 817	E M 1517	E M 3017	E M 4012	E M 5012
ELECTRICAL SPECIFICATIONS								
Power supply (Vac/Hz)	230/50							
Current draw (A)	0.50	0.78	0.33	0.55	0.75	1.10		
Power (W)	108	150	75	120	170	250	245	250
PERFORMANCE								
Torque (Nm)	4	10	5	8	15	30	40	50
Speed (rpm)	26		17			12		
Lifted weight* (kg)	8	19	9	15	28	56	75	95
Number of turns before the stop	27							
Continuous operating time (min)	4							
DIMENSIONAL DATA								
Length (L) (mm)	426	451	426		451	486		
Weight of motor (kg)	1.85	1.95	1.85		2.15	2.45		
Pack dimensions (mm)	90x90x440	90x90x465	90x90x440			90x90x500		

Protection class IP44.

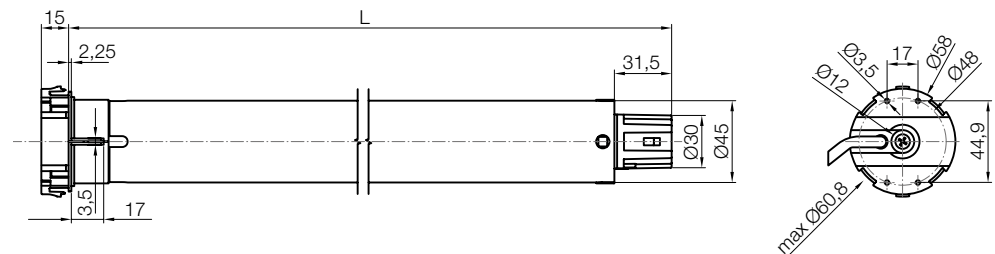
*Value calculated with 60 mm diameter roller.

POWER CABLE

Length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

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Code	Description	Pcs./pack	Certificates
E M 817 SH	Mechanical limit switch. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E M 1517 SH	Mechanical limit switch. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E M 3017 SH	Mechanical limit switch. 30 Nm, 17 rpm, 56 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter roller.

Tubular motor head compatible with star shaped supports



Practical pluggable power cable

Tubular motor with mechanical limit switch.

M size Ø 45 mm

Ideal for the maintenance and replacement of existing applications, thanks to the new head shape compatible with star supports.

Easy maintenance and installation, thanks to the new pull-out power cable.

Ideal for compact installations:
useful length 426 mm

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install, thanks to the new dedicated supports and click system to fasten the drive wheel.

TECHNICAL SPECIFICATION

Code	E M 817 SH	E M 1517 SH	E M 3017 SH
ELECTRICAL SPECIFICATIONS			
Power supply (VAC/Hz)	230/50		
Absorption (A)	0.55	0.75	1.10
Power (W)	120	170	250
PERFORMANCE			
Torque (Nm)	8	15	30
Speed (rpm)	17		
Lifted weight* (kg)	15	28	56
Number of turns before the stop	27		
Continuous operating time (min)	4		
DIMENSIONAL DATA			
Length (L) (mm)	426	451	486
Weight of motor (kg)	1.50	1.75	2.17
Pack dimensions (mm)	90x90x440		90x90x500

Protection class IP44.

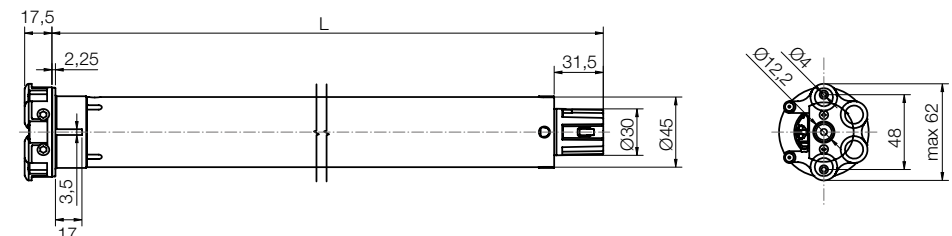
*Value calculated with 60 mm diameter roller.

POWER CABLE

Cable length 2 m, 4 wires in cable



DIMENSIONS



Nice

Era Quick^M

With pushbutton limit switch

230 Vac



Simple pushbutton adjustment of limit switches

Tubular motor with pushbutton limit switch

M size
Ø 45 mm

Even simpler limit switch adjustment using the pushbutton corresponding to the direction of rotation.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

Code	Description	Pcs./pack	Certificates
E QUICK M 817	Pushbutton limit switch. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E QUICK M 1026	Pushbutton limit switch. 10 Nm, 26 rpm, 18 kg*	1	NF CE
E QUICK M 1517	Pushbutton limit switch. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E QUICK M 3017	Pushbutton limit switch. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E QUICK M 4012	Pushbutton limit switch. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E QUICK M 5012	Pushbutton limit switch. 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller
Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E QUICK M 817	E QUICK M 1026	E QUICK M 1517	E QUICK M 3017	E QUICK M 4012	E QUICK M 5012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	0.55	0.78	0.75	1.10		
Power (W)	120	150	170	250	245	250
Power consumption in stand-by (W)	<0.5					
PERFORMANCE						
Torque (Nm)	8	10	15	30	40	50
Speed (rpm)	17	26	17		12	
Lifted weight* (kg)	15	18	28	56	75	95
Number of turns before the stop	92					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	426	451		486		
Weight of motor (kg)	2.15	1.95	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500		90x90x530		

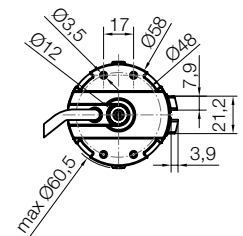
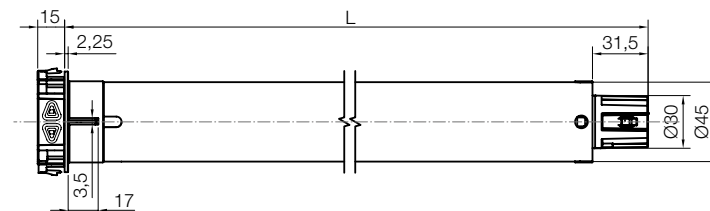
Protection class IP44.
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

Era Plus^M

With tubular motor with pushbutton limit switch, built-in radio receiver and TTBus technology



Simple pushbutton adjustment of limit switches

Tubular motor with pushbutton limit switch, built-in radio receiver and Nice TTBUS technology.

M size
Ø 45 mm

Simple limit switch adjustment using the pushbutton corresponding to the direction of rotation, by transmitter or with the O-View TT and TTPRO external programming units. Useful feedback through movement of the rolling shutter.

Level programming: quick and safe. Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Thanks to Nice TTBus 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Safety for the automation.

The encoder technology guarantees millimetric precision, reliability and maintenance of set values over time.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E PLUS M 817	Pushbutton limit switch, built-in receiver, TTBus. 8 Nm, 17 rpm	1	CE
E PLUS M 1517	Pushbutton limit switch, built-in receiver, TTBus. 15 Nm, 17 rpm	1	CE
E PLUS M 3017	Pushbutton limit switch, built-in receiver, TTBus. 30 Nm, 17 rpm	1	CE
E PLUS M 4012	Pushbutton limit switch, built-in receiver, TTBus. 40 Nm, 12 rpm	1	CE
E PLUS M 5012	Pushbutton limit switch, built-in receiver, TTBus. 50 Nm, 12 rpm	1	CE

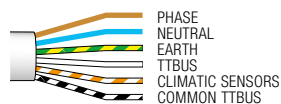
TECHNICAL SPECIFICATION

Code	E PLUS M 817	E PLUS M 1517	E PLUS M 3017	E PLUS M 4012	E PLUS M 5012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	0.55	0.75		1.10	
Power (W)	120	170	250	245	250
Power consumption in stand-by (W)	<0.5				
PERFORMANCE					
Torque (Nm)	8	15	30	40	50
Speed (rpm)	17			12	
Number of turns before the stop	92				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	426	451	486		
Weight of motor (kg)	2.15	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500	90x90x530		

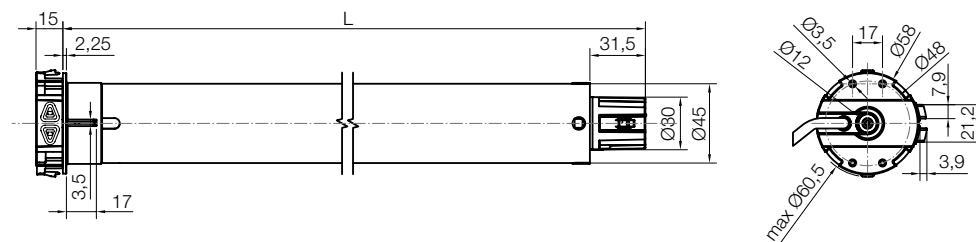
Protection class IP44.

POWER CABLE

Length 2.5 m, 6 wires in cable



DIMENSIONS



Nice

Era Star MA

With electronic limit switch

230 Vac



Tubular motor with electronic limit switch.

M size
Ø 45 mm.

Simple limit switch adjustment in manual, semi-automatic and automatic mode.

Useful feedback from roller shutter movement.

Flawless movement even with friction

Thanks to control of raising force and obstacle recognition during lowering, the motor protects the shutter from damage during freezing conditions. This recognition is adjustable. Guarantees adequate protection against break-in when the rolling shutter is equipped with anti-intrusion springs.

Safety for the automation.

Maximum precision in the shutter positions

Dynamic auto-update of limit switches (automatic and semi-automatic modes only) to compensate for expansion or shrinkage of the structure over time. The **encoder technology** in fact guarantees millimetric precision, maintenance of set values over time (including in high temperatures) and constant optimum force on the shutter.

Particularly suitable for compact installations: useful length 426 mm, for motors with torque of 5 Nm and 8 Nm at 17 rpm.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR MA 517	Electronic limit switch. 5 Nm, 17 rpm, 9 kg*	1	NF CE
E STAR MA 817	Electronic limit switch. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E STAR MA 1517	Electronic limit switch. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E STAR MA 3017	Electronic limit switch. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E STAR MA 4012	Electronic limit switch. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E STAR MA 5012	Electronic limit switch. 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller
Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E STAR MA 517	E STAR MA 817	E STAR MA 1517	E STAR MA 3017	E STAR MA 4012	E STAR MA 5012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	0.33	0.55	0.75	1.10		
Power (W)	75	120	170	250	245	250
Power consumption in stand-by (W)	<0.5					
PERFORMANCE						
Torque (Nm)	5	8	15	30	40	50
Speed (rpm)	17			12		
Lifted weight* (kg)	9	15	28	56	75	95
Number of turns before the stop	92					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	426		451		486	
Weight of motor (kg)	2.15		2.45		2.65	
Pack dimensions (mm)	90x90x465		90x90x500		90x90x530	

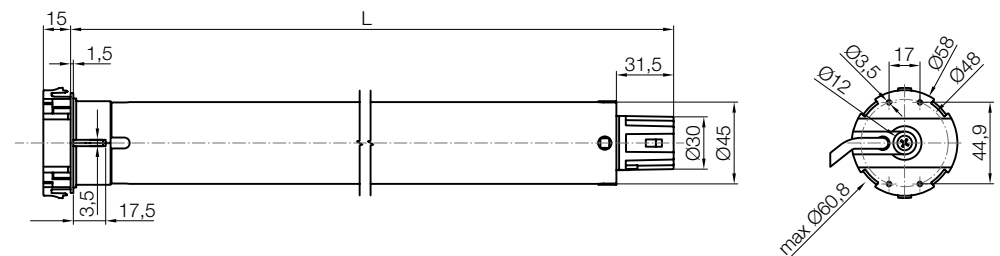
Protection class IP44.
 *Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

Era Star MP

Plug-and-play

230 Vac



Tubular motor with electronic limit switch.

M size
Ø 45 mm.

Maximum ease of installation and maintenance.

No programming needed thanks to the plug-and-play installation and automatic continuous memorising of limit switches. The motor updates the limit positions every 120 manoeuvres, compensating for lengthening and shortening of the structure over time and extending its working life.

Flawless movement even with friction

Thanks to control of raising force and obstacle recognition during lowering, the motor protects the shutter from damage during freezing conditions. If an obstacle is detected, the motor reverses the manoeuvre and rewinds the rolling shutter for 50%.

Safety for the automation.

Release function

When the opening and closing positions are reached, the motor stops movement smoothly, without straining the structure.

Particularly suitable for compact installations: useful length 426 mm, for motors with torque of 5 Nm and 8 Nm and a speed of 17 rpm.

Up to 8 motors with a maximum of 100 metres of cable can be connected and controlled from a single control point without the need for additional control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR MP 517	Electronic limit switch, Plug-and-play. 5 Nm, 17 rpm, 9 kg*	1	NF CE
E STAR MP 817	Electronic limit switch, Plug-and-play. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E STAR MP 1517	Electronic limit switch, Plug-and-play. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E STAR MP 3017	Electronic limit switch, Plug-and-play. 30 Nm, 17 rpm, 56 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller.

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E STAR MP 517	E STAR MP 817	E STAR MP 1517	E STAR MP 3017
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.33	0.55	0.75	1.10
Power (W)	75	120	170	250
Power consumption in stand-by (W)	<0.5			
PERFORMANCE				
Torque (Nm)	5	8	15	30
Speed (rpm)	17			
Lifted weight* (kg)	9	15	28	56
Number of turns before the stop	92			
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	426		451	486
Weight of motor (kg)	2.15		2.45	2.65
Pack dimensions (mm)	90x90x465		90x90x500	90x90x530

Protection class IP44.

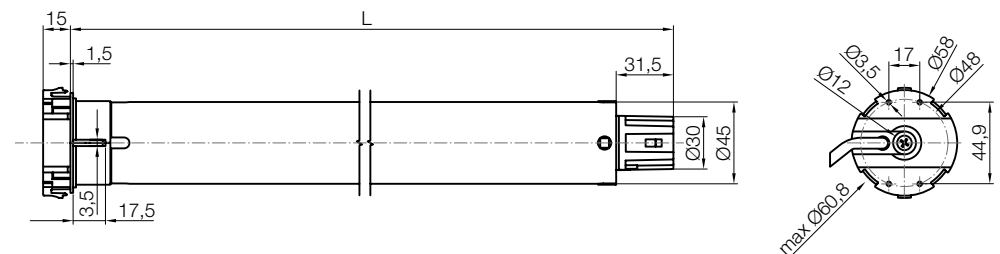
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 4 wires in cable



DIMENSIONS



Era Fit^M BD

With limit switch and built-in bidirectional radio receiver



Tubular motor with electronic limit switch and built-in bidirectional radio receiver.

M size

Ø 45 mm.

Smart

The Nice bidirectional radio protocol enables confirmation of correct reception of the command by the automation and the possibility of checking the position of the blind or rolling shutter. As it also supports the Nice mesh network function, the motor can route the radio command, thus extending the radio range of the system.

Handy remote control of limit switches by transmitter in manual or semi-automatic mode.

Easy to programme, thanks to feedback from movement of the rolling shutter.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings.

If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Connection to climatic sensors via radio with user-friendly programming.

The built-in circuit board allows **a number of motors to be connected and controlled in parallel** from a single point without the need for additional control units.

Low consumption in stand-by.

Compatible with previous versions of Nice unidirectional transmitters.

Code	Description	Pcs./pack	Certificates
E FIT M 817 BD	Electronic limit switch, built-in bidirectional radio receiver. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E FIT M 1517 BD	Electronic limit switch, built-in bidirectional radio receiver. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E FIT M 3017 BD	Electronic limit switch, built-in bidirectional radio receiver. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E FIT M 4012 BD	Electronic limit switch, built-in bidirectional radio receiver. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E FIT M 5012 BD	Electronic limit switch, built-in bidirectional radio receiver. 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller.

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E FIT M 817 BD	E FIT M 1517 BD	E FIT M 3017 BD	E FIT M 4012 BD	E FIT M 5012 BD
ELECTRICAL SPECIFICATIONS					
Power supply (VAC/Hz)	230/50				
Absorption (A)	0.55	0.75		1.10	
Power (W)	120	170	250	245	250
POWER CONSUMPTION IN STANDBY (W)	<0,5				
PERFORMANCE					
Torque (Nm)	8	15	30	40	50
Speed (rpm)	17			12	
Lifted weight* (kg)	15	28	56	75	95
Number of turns before the stop	92				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	426	451		486	
Weight of motor (kg)	2.15	2.45		2.65	
Pack dimensions (mm)	90x90x465	90x90x500		90x90x530	

Protection class IP44.

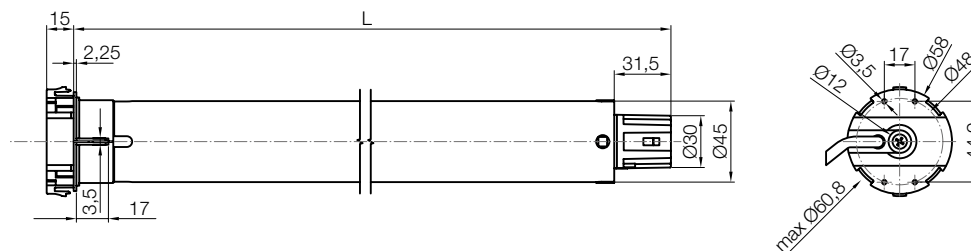
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 3 wires in cable



DIMENSIONS



Era Fit^M

With limit switch and built-in radio receiver



Tubular motor with electronic limit switch and built-in receiver.

M size
Ø 45 mm

Convenient remote control of limit switches by transmitter in manual or semi-automatic mode.

During programming, useful feedback from awning movement.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Connection to climatic sensors via radio with user-friendly programming.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E FIT M 817*	Electronic limit switch, built-in radio receiver. 8 Nm, 17 rpm, 15 kg**	1	NF CE
E FIT M 1517*	Electronic limit switch, built-in radio receiver. 15 Nm, 17 rpm, 28 kg**	1	NF CE
E FIT M 3017*	Electronic limit switch, built-in radio receiver. 30 Nm, 17 rpm, 56 kg**	1	NF CE
E FIT M 4012*	Electronic limit switch, built-in radio receiver. 40 Nm, 12 rpm, 75 kg**	1	NF CE
E FIT M 5012*	Electronic limit switch, built-in radio receiver. 50 Nm, 12 rpm, 95 kg**	1	NF CE

*Available until December 31st 2019. **Lifted weight, value calculated with 60 mm diameter octagonal roller
Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E FIT M 817	E FIT M 1517	E FIT M 3017	E FIT M 4012	E FIT M 5012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	0.55	0.75	1.10		
Power (W)	120	170	250	245	250
Power consumption in stand-by (W)	<0.5				
PERFORMANCE					
Torque (Nm)	8	15	30	40	50
Speed (rpm)	17			12	
Lifted weight* (kg)	15	28	56	75	95
Number of turns before the stop	92				
Continuous operating time (min)	4				
DIMENSIONAL DATA					
Length (L) (mm)	426	451	486		
Weight of motor (kg)	2.15	2.45	2.65		
Pack dimensions (mm)	90x90x465	90x90x500	90x90x530		

Protection class IP44.

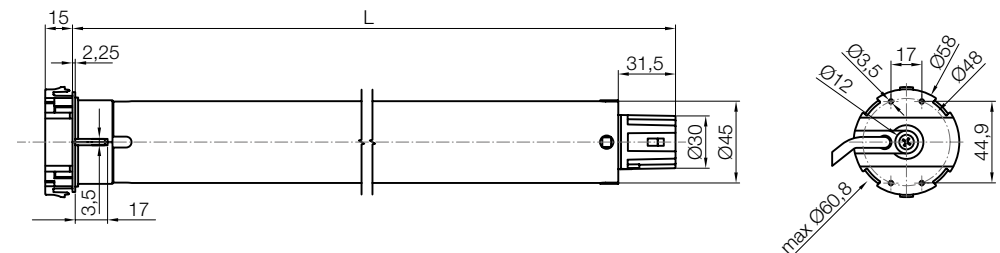
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 3 wires in cable



DIMENSIONS



Era Fit MP

Plug-and-play with built-in radio receiver



Tubular motor with electronic limit switch and built-in receiver.

M size

Ø 45 mm.

Maximum ease of installation and maintenance.

No programming needed thanks to the plug-and-play installation and automatic continuous memorising of limit switches. The motor updates the limit positions every 120 manoeuvres, compensating for lengthening and shortening of the structure over time and extending its working life.

Exclusive Smart-Memo function

During installation of the rolling shutter, the exclusive Smart-Memo function recognises any Nice transmitter as a "test transmitter", without having to perform the memorising procedure. The memory is cleared by simply disconnecting the motor.

Flawless movement even with friction

Thanks to control of raising force and obstacle recognition during lowering, the motor protects the shutter from damage during freezing conditions. If an obstacle is detected, the motor reverses the manoeuvre and rewinds the rolling shutter for 50%.

Release function

When the opening and closing positions are reached, the motor stops movement smoothly, without straining the structure.

Go To Position function

A simple touch on the slider of Nice Era P Vario or Agio transmitters will take the shutter to the position corresponding to the pressure point, from 0 to 100% of travel.

Ventilation position

A double click on the down button of the transmitter will raise the rolling shutter partially to change the air in the room.

Up to 8 motors with a maximum of 100 metres of cable can be connected and controlled from a single control point without the need for additional control units.

Thanks to the double insulation, no earth wire is needed.

Code	Description	Pcs./pack	Certificates
E FIT MP 517	Electronic limit switch, built-in receiver, Plug-and-Play. 5 Nm, 17 rpm, 9 kg*	1	NF CE
E FIT MP 817	Electronic limit switch, built-in receiver, Plug-and-Play. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E FIT MP 1517	Electronic limit switch, built-in receiver, Plug-and-Play. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E FIT MP 3017	Electronic limit switch, built-in receiver, Plug-and-Play. 30 Nm, 17 rpm, 56 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller.

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

Code	E FIT MP 517	E FIT MP 817	E FIT MP 1517	E FIT MP 3017
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.33	0.55	0.75	1.10
Power (W)	75	120	170	250
Power consumption in stand-by (W)	<0.5			
PERFORMANCE				
Torque (Nm)	5	8	15	30
Speed (rpm)	17			
Lifted weight* (kg)	9	15	28	56
Number of turns before the stop	92			
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	426		451	486
Weight of motor (kg)	2.15		2.45	2.65
Pack dimensions (mm)	90x90x465		90x90x500	90x90x530

Protection class IP44.

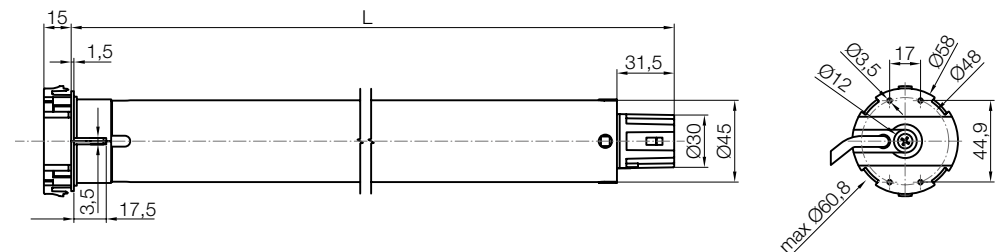
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 3 wires in cable



DIMENSIONS



Era Mat^{MA}

With electronic limit switch, built-in receiver and Nice TTBus technology



Tubular motor with electronic limit switch, built-in receiver and Nice TTBus technology.

M size
Ø 45 mm

Simple remote adjustment of the limit switch by transmitter or with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode.

Useful feedback from roller shutter movement.

Level programming: quick and safe
Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Adjustment of a number of intermediate opening positions.

Thanks to Nice TTBus 3-wire technology, motor movement can be managed by means of a low-voltage control; simple and intuitive wired connection to climatic sensors without external control units and/or via radio.

A number of motors can be connected and controlled in parallel **from a single point without the need for additional control units.**

Maximum precision in the shutter positions
Dynamic auto-update of limit switches (automatic and semi-automatic modes only) to compensate for expansion or shrinkage of the structure over time. The **encoder technology** in fact guarantees millimetric precision, maintenance of set values over time (including in high temperatures) and constant optimum force on the shutter.

Flawless movement even with friction
Thanks to control of raising force and obstacle recognition during lowering, the motor protects the shutter from damage during freezing conditions. This recognition is adjustable. Guarantees adequate protection against break-in.

Suitable for compact applications: useful length 426 mm, in versions up to 5 Nm and 8 Nm at 17 rpm.

Code	Description	Pcs./pack	Certificates
E MAT MA 517	Electronic limit switch, built-in receiver, TTBus. 5 Nm, 17 rpm, 9 kg*	1	NF CE
E MAT MA 817	Electronic limit switch, built-in receiver, TTBus. 8 Nm, 17 rpm, 15 kg*	1	NF CE
E MAT MA 1517	Electronic limit switch, built-in receiver, TTBus. 15 Nm, 17 rpm, 28 kg*	1	NF CE
E MAT MA 3017	Electronic limit switch, built-in receiver, TTBus. 30 Nm, 17 rpm, 56 kg*	1	NF CE
E MAT MA 4012	Electronic limit switch, built-in receiver, TTBus. 40 Nm, 12 rpm, 75 kg*	1	NF CE
E MAT MA 5012	Electronic limit switch, built-in receiver, TTBus. 50 Nm, 12 rpm, 95 kg*	1	NF CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller.

Products also available in multiple packs. For more information, contact your local dealer.

TECHNICAL SPECIFICATION

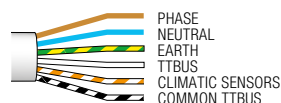
Code	E MAT MA 517	E MAT MA 817	E MAT MA 1517	E MAT MA 3017	E MAT MA 4012	E MAT MA 5012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	0.33	0.55	0.75	1.10		
Power (W)	75	120	170	250	245	250
Power consumption in stand-by (W)	<0.5					
PERFORMANCE						
Torque (Nm)	5	8	15	30	40	50
Speed (rpm)	17			12		
Lifted weight* (kg)	9	15	28	56	75	95
Number of turns before the stop	92					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	426		451	486		
Weight of motor (kg)	2.15		2.45	2.65		
Pack dimensions (mm)	90x90x465		90x90x500	90x90x530		

Protection class IP44.

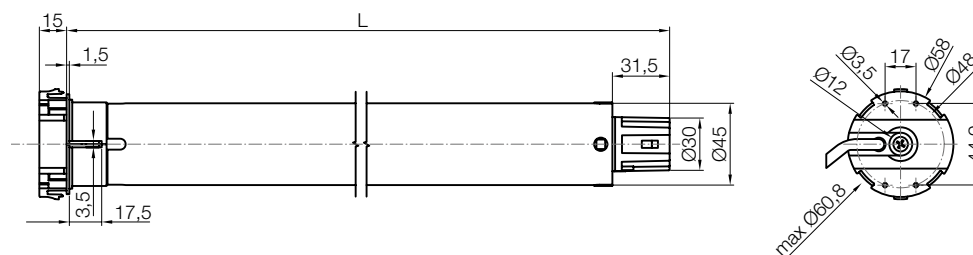
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Era Mat MO

For rolling shutters with positionable slats



Motor with electronic limit switch, built-in radio receiver and Nice TTBUS connection.

Exclusive for rolling shutters with positionable slats, with both simultaneous and progressive orientation.

M size

Ø 45 mm.

Flexible and positionable:

Enables the slats to be oriented in the required position to regulate the light and air entering the room simply, rapidly and safely.

Easy remote adjustment of limit switches by transmitter or with the O-View TT and TTPRO external programming units, with the exception of programming orientation.

Thanks to Nice TTBUS 3-wire technology, motor movement can be managed by means of a low-voltage control.

Level programming: quick and safe

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units, this excludes control of individual automations.

Maximum personalisation of slat orientation:

the Nice Era P and Era W transmitters guarantee optimum motor shaft rotation resolution of 15° for 17 rpm motors and 10° for 12 rpm motors.

Particularly suitable for compact installations: useful length 426 mm, in 8 Nm at 17 rpm and 10 Nm at 12 rpm versions.

Energy saving

Personalised control of slat orientation ensures the correct balance between heat insulation and control of natural light in the rooms in all seasons, guaranteeing high comfort.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E MAT MA 817	Electronic limit switch, built-in receiver, TTBUS. 8 Nm, 17 rpm, 15 kg*	1	CE
E MAT MA 1517	Electronic limit switch, built-in receiver, TTBUS. 15 Nm, 17 rpm, 28 kg*	1	CE
E MAT MA 3017	Electronic limit switch, built-in receiver, TTBUS. 30 Nm, 17 rpm, 56 kg*	1	CE
E MAT MA 1012	Electronic limit switch, built-in receiver, TTBUS. 10 Nm, 12 rpm, 19 kg*	1	CE
E MAT MA 2012	Electronic limit switch, built-in receiver, TTBUS. 20 Nm, 12 rpm, 38 kg*	1	CE
E MAT MA 4012	Electronic limit switch, built-in receiver, TTBUS. 40 Nm, 12 rpm, 75 kg*	1	CE
E MAT MA 5012	Electronic limit switch, built-in receiver, TTBUS. 50 Nm, 12 rpm, 95 kg*	1	CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller.

TECHNICAL SPECIFICATION

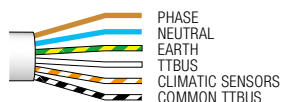
Code	E MAT MO 817	E MAT MO 1517	E MAT MO 3017	E MAT MO 1012	E MAT MO 2012	E MAT MO 4012	E MAT MO 5012
ELECTRICAL SPECIFICATIONS							
Power supply (Vac/Hz)	230/50						
Current draw (A)	0.55	0.75	1.10	0.60	0.85	1.10	
Power (W)	120	170	250	130	185	245	250
Power consumption in standby (W)	<0.5						
PERFORMANCE							
Torque (Nm)	8	15	30	10	20	40	50
Speed (rpm)	17			12			
Lifted weight* (kg)	15	28	56	19	38	75	95
Number of turns before the stop	92						
Continuous operating time (min)	4						
DIMENSIONAL DATA							
Length (L) (mm)	426	451	486	426	451	486	
Weight of motor (kg)	2.5						
Pack dimensions (mm)	90x90x465	90x90x510	90x90x530	90x90x465	90x90x510	90x90x530	

Protection class IP44.

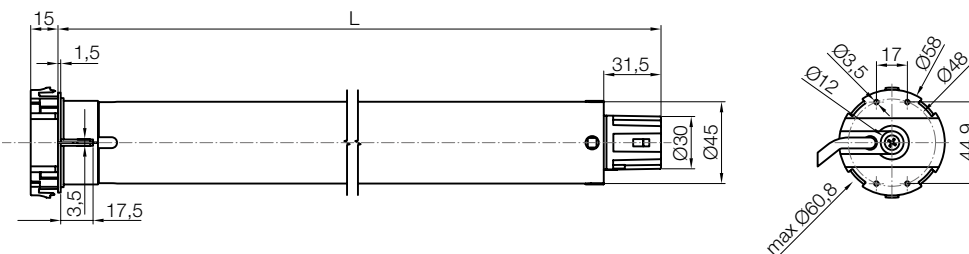
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 6 wires in cable



DIMENSIONS



Era^{MH} / Era^{MH DC}

With emergency override mechanism



Tubular motor with mechanical limit switch and manual emergency override mechanism.

M size

Ø 45 mm

Solutions to meet all needs:

usable both for large-scale applications with the 50 Nm 12 rpm version and small structures with the 15 Nm 17 rpm version.

Ideal for intensive use:

the 12 Vdc Era MH DC version guarantees 6 minutes of continuous operation at the same speed during both up and down manoeuvres.

Advanced

The low voltage power means that alternative energy sources such as batteries and solar panels can be used.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install:

fixing directly on the head thanks to the M6 holes with 48 mm centre distance, no support required.

Compact and robust

Small size (head diameter 85 mm) for installation in small boxes. Motor head in 100% zama.

Wired and/or radio connection to climatic sensors via external control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E MH 1517	Mechanical limit switch, manual emergency override mechanism. 15 Nm, 17 rpm, 28 kg*	1	CE
E MH 3017	Mechanical limit switch, manual emergency override mechanism. 30 Nm, 17 rpm, 56 kg*	1	CE
E MH 4012	Mechanical limit switch, manual emergency override mechanism. 40 Nm, 12 rpm, 75 kg*	1	CE
E MH 5012	Mechanical limit switch, manual emergency override mechanism. 50 Nm, 12 rpm, 95 kg*	1	CE
E MH 2012 DC	Mechanical limit switch, manual emergency override mechanism. 20 Nm, 12 rpm, 38 kg*	1	CE

*Lifted weight, value calculated with 60 mm diameter roller.

TECHNICAL SPECIFICATION

Code	E MH 1517	E MH 3017	E MH 4012	E MH 5012	E MH 2012 DC
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				-
Current draw (A)	-				12
Power (W)	0.75	1.10		6.5	
Power consumption in stand-by (W)	170	250	245	250	78
PERFORMANCE					
Torque (Nm)	15	30	40	50	20
Speed (rpm)	17		12		
Lifted weight* (kg)	28	56	75	95	38
Number of turns before the stop	36				
Reduction ratio	1:24				-
Continuous operating time (min)	4				6
DIMENSIONAL DATA					
Length (L) (mm)	602	637		600	
Weight of motor (kg)	2.8	3.4	3.6		2.9
Pack dimensions (mm)	100x100x750				

Protection class IP44.

*Value calculated with 60 mm diameter roller.

POWER CABLE

ERA MH

Cable length 2.5 m, 4 wires in cable

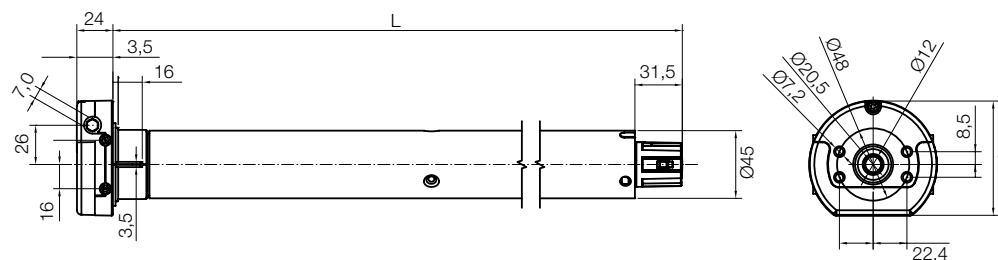


ERA MH DC

Cable length 2.5 m, 2 wires in cable



DIMENSIONS



Era Plus MH

Built-in radio receiver, Technology TTBus and emergency override mechanism



Tubular motor with mechanical limit switch, built-in radio receiver and Nice TTBus technology, manual emergency override mechanism.

M size
Ø 45 mm

Intuitive adjustment of up and down limit positions by transmitter or with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode.

Level programming: quick and safe.
Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Easy to install: fixing directly on the head thanks to the M6 holes with 48 mm centre distance, no support required.

Compact and robust
Small size (head diameter 85 mm) for installation in small boxes. Motor head in 100% zama.

Nice TTBus 2-wire technology allows motor movement to be managed by means of a low-voltage Step-by-Step control and simple intuitive connection of climatic sensors via radio.

Safety for the automation.

Possibility of connecting a resistive sensitive edge and photocells.



Code	Description	Pcs./pack	Certificates
E PLUS MH 1517	Mechanical limit switch, built-in radio receiver, TTBus, emergency override mechanism. 15 Nm, 17 rpm, 28 kg*	1	CE
E PLUS MH 3017	Mechanical limit switch, built-in radio receiver, TTBus, emergency override mechanism. 30 Nm, 17 rpm, 56 kg*	1	CE
E PLUS MH 4012	Mechanical limit switch, built-in radio receiver, TTBus, emergency override mechanism. 40 Nm, 12 rpm, 75 kg*	1	CE
E PLUS MH 5012	Mechanical limit switch, built-in radio receiver, TTBus, emergency override mechanism. 50 Nm, 12 rpm, 95 kg*	1	CE

*Lifted weight, value calculated with 60 mm diameter octagonal roller

TECHNICAL SPECIFICATION

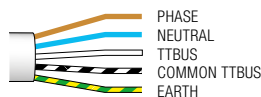
Code	E PLUS MH 1517	E PLUS MH 3017	E PLUS MH 4012	E PLUS MH 5012
ELECTRICAL SPECIFICATIONS				
Power supply (Vac/Hz)	230/50			
Current draw (A)	0.75		1.10	
Power (W)	170	250	245	250
PERFORMANCE				
Torque (Nm)	15	30	40	50
Speed (rpm)		17		12
Number of turns before the stop	36			
Lifted weight* (kg)	28	56	75	95
Continuous operating time (min)	4			
DIMENSIONAL DATA				
Length (L) (mm)	806			
Weight of motor (kg)	3.4	3.8		4
Pack dimensions (mm)	100x100x850			

Protection class IP44.

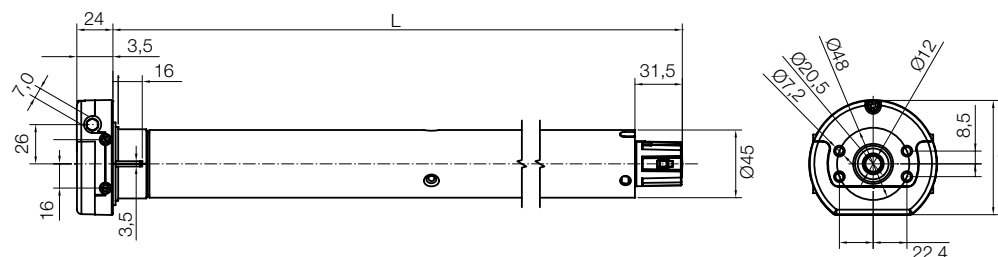
*Value calculated with 60 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 5 wires in cable



DIMENSIONS



Nice

Era^L

With mechanical limit switch

230 Vac



Tubular motor with mechanical limit switch.

L size

Ø 58 mm

Powerful and versatile

Can also be used for large-scale applications with versions up to 120 Nm.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Easy to install thanks to the new compact support and innovative click system to fasten the drive wheel.

Wired and/or radio connection to climatic sensors via external control units.

Code	Description	Pcs./pack	Certificates
E L 5517	Mechanical limit switch. 55 Nm, 17 rpm, 85 kg*	1	CE
E L 6517	Mechanical limit switch. 65 Nm, 17 rpm, 100 kg*	1	CE
E L 7517	Mechanical limit switch. 75 Nm, 17 rpm, 115 kg*	1	CE
E L 8012	Mechanical limit switch. 80 Nm, 12 rpm, 120 kg*	1	CE
E L 10012	Mechanical limit switch. 100 Nm, 12 rpm, 150 kg*	1	CE
E L 12012	Mechanical limit switch. 120 Nm, 12 rpm, 180 kg*	1	CE

*Lifted weight, value calculated with 70 mm diameter roller.

TECHNICAL SPECIFICATION

Code	E L 5517	E L 6517	E L 7517	E L 8012	E L 10012	E L 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2.00	1.65	1.75	2.10
Power (W)	360	420		360	390	465
Power consumption in stand-by (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Lifted weight* (kg)	85	100	115	120	150	180
Number of turns before the stop	28					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	667					
Weight of motor (kg)	5.150					
Pack dimensions (mm)	100x100x750					

Protection class IP44.

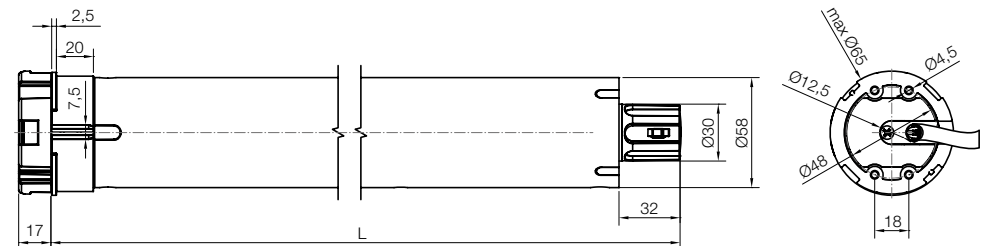
*Value calculated with 70 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 4 wires in cable



DIMENSIONS



Nice

Era Star LA

With electronic limit switch

230 Vac



Tubular motor with electronic limit switch.

L size

Ø 58 mm

Powerful and versatile

Can also be used for large-scale applications with versions up to 120 Nm.

Simple limit switch adjustment in manual, semi-automatic and automatic mode.

Useful feedback from rolling shutter movement.

Safety for the automation.

Maximum precision in the shutter positions

Dynamic auto-update of limit switches (automatic and semi-automatic modes only) to compensate for expansion or shrinkage of the structure over time. The **encoder technology** guarantees millimetric precision.

The built-in circuit board allows a number of motors to be connected and controlled in parallel from a single point without the need for additional control units.

Low consumption in stand-by.

Code	Description	Pcs./pack	Certificates
E STAR LA 5517	Electronic limit switch. 55 Nm, 17 rpm, 85 kg*	1	CE
E STAR LA 6517	Electronic limit switch. 65 Nm, 17 rpm, 100 kg*	1	CE
E STAR LA 7517	Electronic limit switch. 75 Nm, 17 rpm, 115 kg*	1	CE
E STAR LA 8012	Electronic limit switch. 80 Nm, 12 rpm, 120 kg*	1	CE
E STAR LA 10012	Electronic limit switch. 100 Nm, 12 rpm, 150 kg*	1	CE
E STAR LA 12012	Electronic limit switch. 120 Nm, 12 rpm, 180 kg*	1	CE

*Lifted weight, value calculated with 70 mm diameter roller.

TECHNICAL SPECIFICATION

Code	E STAR LA 5517	E STAR LA 6517	E STAR LA 7517	E STAR LA 8012	E STAR LA 10012	E STAR LA 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2.00	1.65	1.75	2.10
Power (W)	360	420		360	390	465
Power consumption in standby (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Lifted weight (kg)*	85	100	115	120	150	180
Number of turns before the stop	>100					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	672					
Weight of motor (kg)	5.150					
Pack dimensions (mm)	100x100x750					

Protection class IP44.

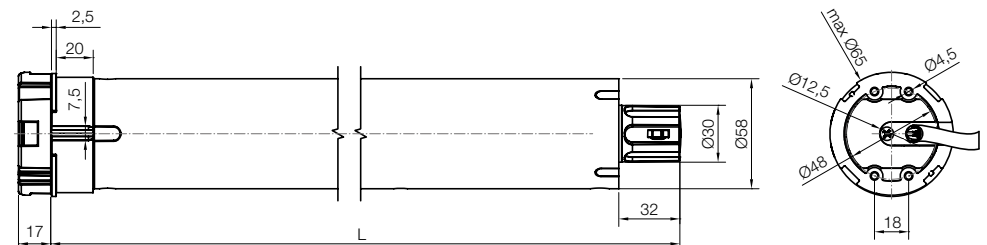
*Value calculated with 70 mm diameter octagonal roller.

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

Era Mat^{LA}

With electronic limit switch, built-in receiver and Nice TTBUS technology



Tubular motor with electronic limit switch, built-in receiver and Nice TTBUS technology.

L size

Ø 58 mm

Simple adjustment of the limit switch with the O-View TT and TTPRO external programming units in automatic, semi-automatic or manual mode.

Useful feedback from roller shutter movement.

Level programming: quick and safe.

Thanks to this function, there are a number of possible settings. If an incorrect selection is made, programming begins again from the previous level without the need to reprogramme all the settings programmed up to that point.

Memory locking to prevent accidental memorising.

Adjustment of a number of intermediate opening positions.

Safety for the automation.

Thanks to Nice TTBUS 3-wire technology, **motor movement** can be managed by means of a low-voltage control

The built-in circuit board allows a number of motors to be connected and controlled in **parallel** from a single point without the need for additional control units.

Maximum precision in the shutter positions

Dynamic auto-update of limit switches (automatic and semi-automatic modes only) to compensate for expansion or shrinkage of the structure over time. The **encoder technology** guarantees millimetric precision.



Code	Description	Pcs./pack	Certificates
E MAT LA 5517	Electronic limit switch, built-in receiver, TTBUS. 55 Nm, 17 rpm, 85 kg*	1	CE
E MAT LA 6517	Electronic limit switch, built-in receiver, TTBUS. 65 Nm, 17 rpm, 100 kg*	1	CE
E MAT LA 7517	Electronic limit switch, built-in receiver, TTBUS. 75 Nm, 17 rpm, 115 kg*	1	CE
E MAT LA 8012	Electronic limit switch, built-in receiver, TTBUS. 80 Nm, 12 rpm, 120 kg*	1	CE
E MAT LA 10012	Electronic limit switch, built-in receiver, TTBUS. 100 Nm, 12 rpm, 150 kg*	1	CE
E MAT LA 12012	Electronic limit switch, built-in receiver, TTBUS. 120 Nm, 12 rpm, 180 kg*	1	CE

*Lifted weight, value calculated with 70 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E MAT LA 5517	E MAT LA 6517	E MAT LA 7517	E MAT LA 8012	E MAT LA 10012	E MAT LA 12012
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ELECTRICAL SPECIFICATIONS

Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2.00	1.65	1.75	2.10
Power (W)	360	420		360	390	465
Power consumption in standby (W)	0.5					

PERFORMANCE

Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Lifted weight (kg)*	85	100	115	120	150	180
Number of turns before the stop	>100					
Continuous operating time (min)	4					

DIMENSIONAL DATA

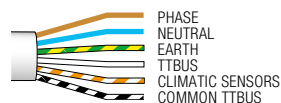
Length (L) (mm)	672					
Weight of motor (kg)	5.150					
Pack dimensions (mm)	100x100x750					

Protection class IP44.

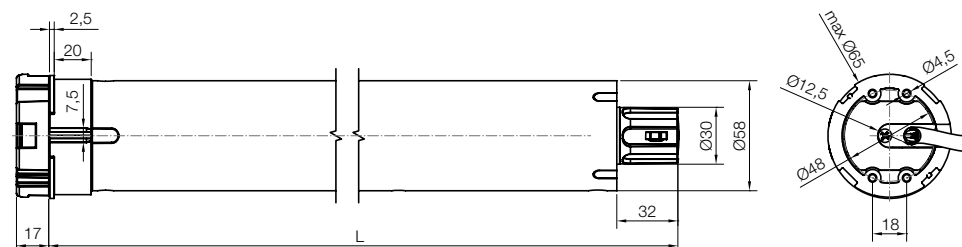
*Value calculated with 70 mm diameter octagonal roller.

POWER CABLE

Length 2.5 m, 6 wires in cable



DIMENSIONS



Nice

Era LH

With mechanical limit switch and manual emergency override mechanism



230 Vac



Tubular motor with mechanical limit switch and manual emergency override mechanism.

L size

Ø 58 mm

Powerful, robust and versatile

Can also be used for large-scale applications with versions up to 120 Nm. Zama motor head.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Wired and/or radio connection to climatic sensors via external control units.

Code	Description	Certificates
E LH 5517	Mechanical limit switch, manual emergency override mechanism. 55 Nm, 17 rpm, 85 kg*	CE
E LH 6517	Mechanical limit switch, manual emergency override mechanism. 65 Nm, 17 rpm, 100 kg*	CE
E LH 7517	Mechanical limit switch, manual emergency override mechanism. 75 Nm, 17 rpm, 115 kg*	CE
E LH 8012	Mechanical limit switch, manual emergency override mechanism. 80 Nm, 12 rpm, 120 kg*	CE
E LH 10012	Mechanical limit switch, manual emergency override mechanism. 100 Nm, 12 rpm, 150 kg*	CE
E LH 12012	Mechanical limit switch, manual emergency override mechanism. 120 Nm, 12 rpm, 180 kg*	CE

*Lifted weight, value calculated with 70 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E LH 5517	E LH 6517	E LH 7517	E LH 8012	E LH 10012	E LH 12012
ELECTRICAL SPECIFICATIONS						
Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2	1.65	1.75	2.10
Power (W)	360	420	420	360	390	465
Power consumption in standby (W)	0.5					
PERFORMANCE						
Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Number of turns before the stop	28					
Continuous operating time (min)	4					
DIMENSIONAL DATA						
Length (L) (mm)	832					
Weight of motor (kg)	7.34					
Pack dimensions (mm)	144x148x1003					

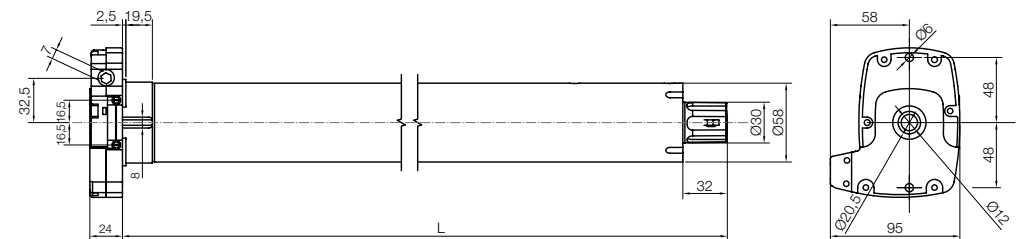
Protection class IP44

POWER CABLE

Cable length 2.5 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

Era Plus LH

Built-in radio receiver, Technology TTBUS and emergency override mechanism



Tubular motor with mechanical limit switch, built-in radio receiver and Nice TTBUS technology, manual emergency override mechanism.

L size

Ø 58 mm

Powerful, robust and versatile

Can also be used for large-scale applications with versions up to 120 Nm. Zama motor head.

Intuitive adjustment of up and down limit positions, thanks to the mechanical limit switch.

Memory locking to prevent accidental memorising.

Simple programming

It can memorise up to 30 transmitters without having to connect to or access the motor. It allows remote activation of new transmitters once the first has been memorised.

Easy to install thanks to the compact supports or fixing directly on the motor head. Innovative click system to fasten the drive wheel.

Nice TTBUS 2-wire technology allows motor movement to be managed by means of a low-voltage Step-by-Step control and simple intuitive connection of climatic sensors via radio.



Code	Description	Certificates
E PLUS LH 5517	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 55 Nm, 17 rpm, 85 kg*	CE
E PLUS LH 6517	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 65 Nm, 17 rpm, 100 kg*	CE
E PLUS LH 7517	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 75 Nm, 17 rpm, 115 kg*.	CE
E PLUS LH 8012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 80 Nm, 12 rpm, 120 kg*	CE
E PLUS LH 10012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 100 Nm, 12 rpm, 150 kg*	CE
E PLUS LH 12012	Mechanical limit switch, built-in radio receiver, TTBUS, emergency override mechanism. 120 Nm, 12 rpm, 180 kg*	CE

*Lifted weight, value calculated with 70 mm diameter octagonal roller

TECHNICAL SPECIFICATION

Code	E PLUS LH 5517	E PLUS LH 6517	E PLUS LH 7517	E PLUS LH 8012	E PLUS LH 10012	E PLUS LH 12012
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ELECTRICAL SPECIFICATIONS

Power supply (Vac/Hz)	230/50					
Current draw (A)	1.65	1.80	2	1.65	1.75	2.10
Power (W)	360	420	420	360	390	465
Power consumption in stand-by (W)	0.5					

PERFORMANCE

Torque (Nm)	55	65	75	80	100	120
Speed (rpm)	17			12		
Number of turns before the stop	28					
Continuous operating time (min)	4					

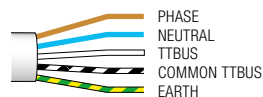
DIMENSIONAL DATA

Length (L) (mm)	910					
Weight of motor (kg)	7.70					
Pack dimensions (mm)	144x148x1003					

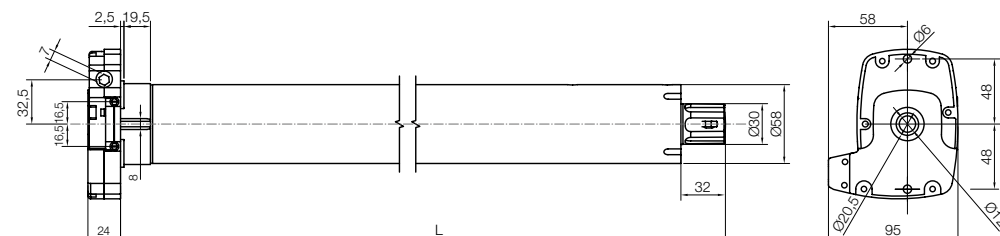
Protection class IP44

POWER CABLE

Length 3 m, 5 wires in cable



DIMENSIONS



Nice

Era XL

For large rolling shutters and rolling door

230 Vac



Tubular motors with mechanical limit switch.

XL size

Ø 90 mm

Powerful and fast:

up to 300 Nm torque in complete comfort, 12 rpm.

Reliable and silent:

The dimensions of the motor and characteristics of the gears guarantee a long working life and very silent operation.

Flexible:

interchangeable adapters can be used for tubes with a Ø from 98x2.0 mm to 168x4.0 mm or SW 114 (octagonal).

Easy to install:

the fixing plates must be installed perpendicular to the installation site. If the surface is uneven, the special wall plate (article 537.10001) must be used.

Code	Description	Pcs./pack	certificates
E XL 12012	Mechanical limit switch. 120 Nm, 12 rpm	1	CE
E XL 15012	Mechanical limit switch. 150 Nm, 12 rpm	1	CE
E XL 18012	Mechanical limit switch. 180 Nm, 12 rpm	1	CE
E XL 23012	Mechanical limit switch. 230 Nm, 12 rpm	1	CE
E XL 30012	Mechanical limit switch. 300 Nm, 12 rpm	1	CE

TECHNICAL SPECIFICATION

Code	E XL 12012	E XL 15012	E XL 18012	E XL 23012	E XL 30012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	3.4	3.5	3.7	3.9	5.4
Power (W)	700	740	780	810	1250
PERFORMANCE					
Torque (Nm)	120	150	180	230	300
Speed (rpm)	12				
Lifted weight* (kg)	162	203	243	311	405
Number of turns before the stop	36				
Continuous operating time (min)	6			5	
DIMENSIONAL DATA					
Length (L) (mm)	639/626				679/666
Weight of motor (kg)	13.4	11.83	11.2		13.8
Pack dimensions (mm)	750x210x210				

Protection class IP44.

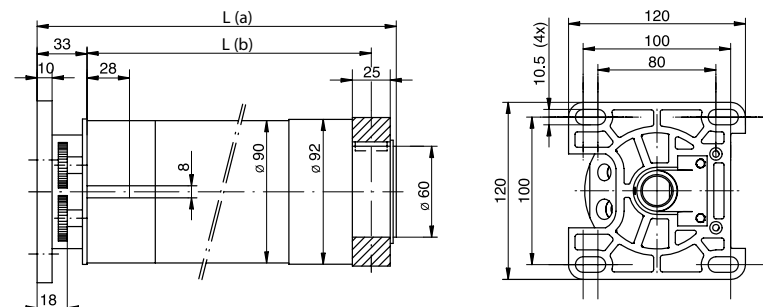
*Value with 108 mm diameter octagonal roller.

POWER CABLE

Length 3 m, 4 wires in cable



DIMENSIONS



Control systems

For indoor blinds

For outdoor blinds and awnings

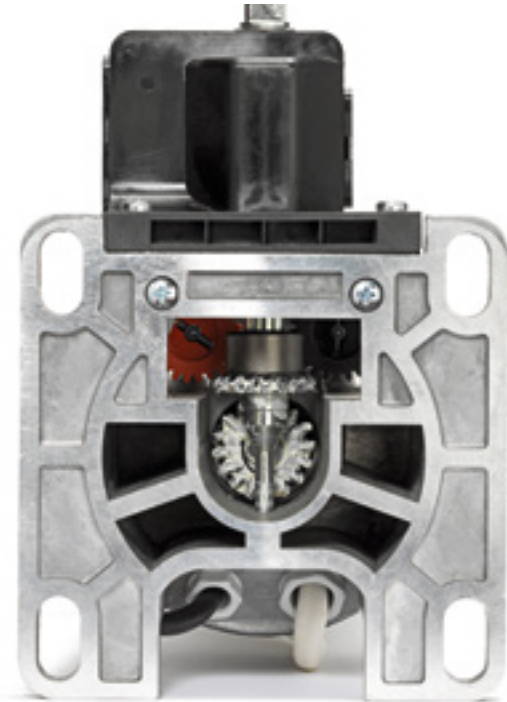
For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

With emergency override mechanism,
for large rolling shutters and rolling door



Tubular motors with mechanical limit switch and manual emergency override mechanism.

XL size

Ø 90 mm

Powerful and fast:

up to 300 Nm torque in complete comfort, 12 rpm.

Reliable, thanks to the manual emergency override mechanism

The motor guarantees operation even in the event of black-out, manual transmission is activated automatically when the handle is used.

230 Vac



Code	Description	Certificates
E XLH 12012	Mechanical limit switch, manual emergency override mechanism. 120 Nm, 12 rpm	CE
E XLH 15012	Mechanical limit switch, manual emergency override mechanism. 150 Nm, 12 rpm	CE
E XLH 18012	Mechanical limit switch, manual emergency override mechanism. 180 Nm, 12 rpm	CE
E XLH 23012	Mechanical limit switch, manual emergency override mechanism. 230 Nm, 12 rpm	CE
E XLH 30012	Mechanical limit switch, manual emergency override mechanism. 300 Nm, 12 rpm	CE

TECHNICAL SPECIFICATION

Code	E XLH 12012	E XLH 15012	E XLH 18012	E XLH 23012	E XLH 30012
ELECTRICAL SPECIFICATIONS					
Power supply (Vac/Hz)	230/50				
Current draw (A)	3.4	3.5	3.7	3.9	5.4
Power (W)	700	740	780	810	1250
PERFORMANCE					
Torque (Nm)	120	150	180	230	300
Speed (rpm)	12				
Lifted weight* (kg)	162	203	243	311	405
Number of turns before the stop	36				
Continuous operating time (min)	6			5	
DIMENSIONAL DATA					
Length (L) (mm)	639/626				679/666
Weight of motor (kg)	13.4	11.8		11.2	13.8
Pack dimensions (mm)	750x210x210				

Protection class IP44.

*Value with 108 mm diameter octagonal roller.

POWER CABLE

Length 3 m, 4 wires in cable

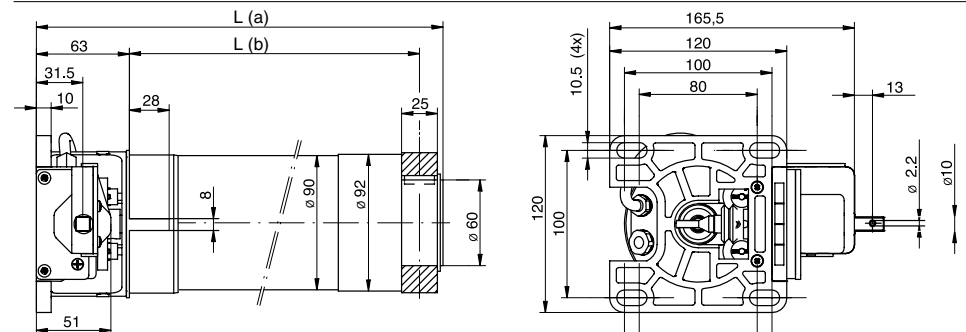


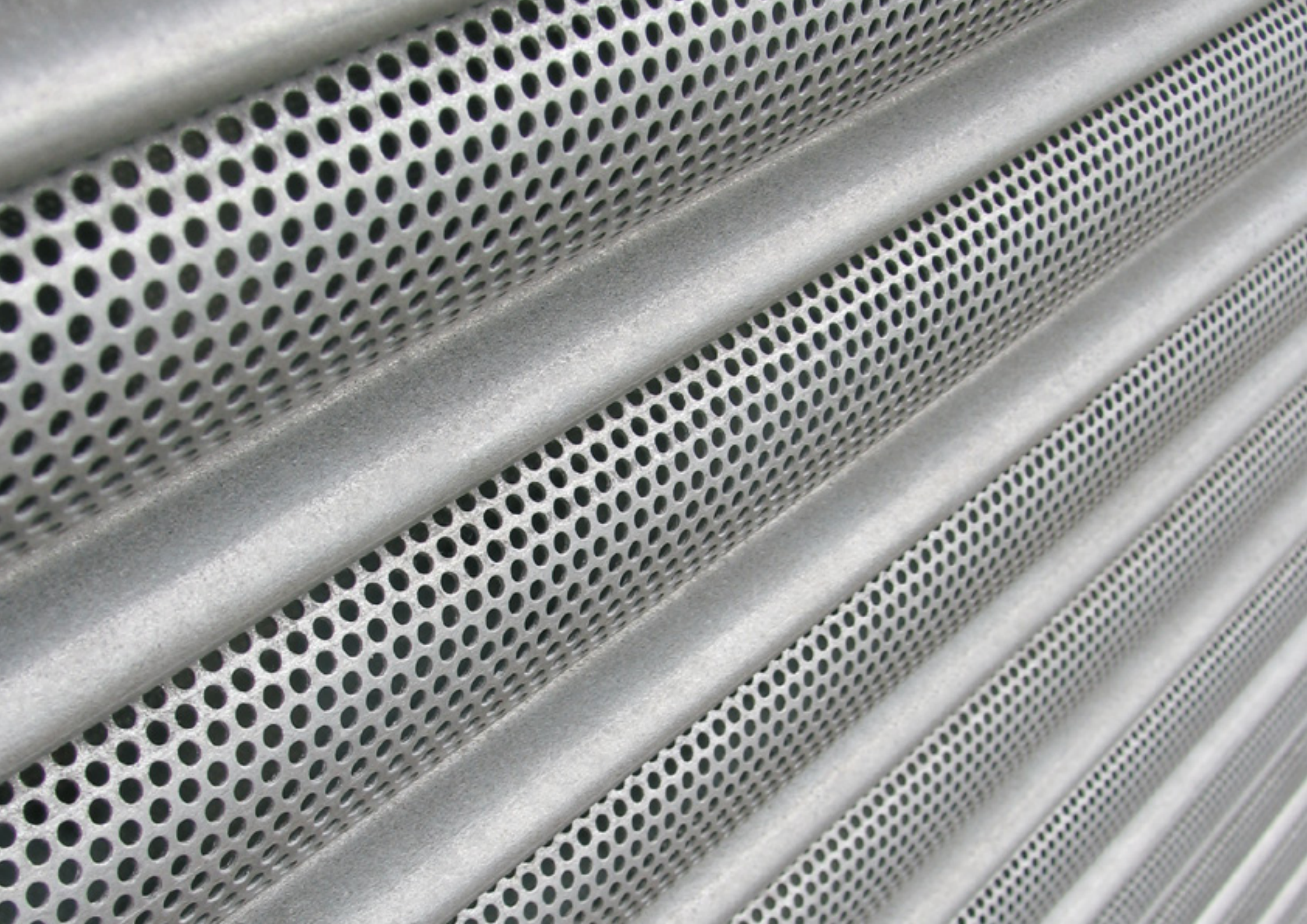
Safe, thanks to the possibility of combining safety accessories such as the drop-prevention device and sensitive edge.

Easy to install:

the fixing plates must be installed perpendicular to the installation site. If the surface is uneven, the special wall plate (article 537.10001) must be used.

DIMENSIONS





The pergola becomes smart with Nice

A complete pergola control system

with climate management of light, freezing, wind and rain. And you can even regulate the pergola lighting, thanks to the built-in LED light control.

With **NicePatio**, you can freely customise functioning of the pergola and the lighting, giving priority to comfort.

Patio is a **powerful linear operator**, easy to integrate into the structure of the pergola thanks to its short compact design and it's highly resistant to the effects of atmospheric agents. It operates silently and is 100% comfortable to use.

The compact PatioControl control unit is also easy to install in the structure of the pergola. It automatically regulates opening and closing of the slats and automatically calculates the operating time. The control unit can also manage the pergola **lighting**, thanks to a **lighting module** with four outputs. Each output can control a LED light with ON/OFF - dimmer function.





NicePatio includes a **temperature sensor** and can prevent damage caused by freezing. When the built-in temperature sensor detects a temperature below 2°C, the pergola slats are opened by 3° to prevent them from freezing in the completely closed position.

Additional climatic sensors can also be connected to the control unit.

The **Nemo climatic sensor** allows the position of the slats to be adjusted according to sun, **wind and rain** conditions.

When the **sun** is shining, **NicePatio** can automatically orient the slats in the closed position to protect plants and the area beneath. If, on the other hand, you want to allow the sun to light the pergola area, you can disable this function manually with the "Sun for you" button on the Era P transmitter.



When there is a strong **wind**, the slats are opened to avoid damage caused by wind resistance. When Nemo detects **rain**, the **PatioControl** control unit closes the slats immediately. When the rain stops, the control unit facilitates drying of the pergola roof by opening the slats by 20°



PatioControl is a smart control unit. If the **Nemo climatic sensor** detects rain and the temperature sensor indicates that the outdoor temperature is dropping below 1°C, PatioControl **senses** that it may snow. It therefore opens the slats to avoid the weight of the snow damaging the pergola.

The pergola can be conveniently controlled by **Era P Series** radio transmitters, ideal for sun awning, blind, rolling shutter and Venetian blind automations and to manage lights with ON/OFF and dimmer function.



Patio

Linear actuator for pergola slats automation



Powerful, electromechanical and compact linear actuator.

Powerful and sturdy motor, with a pulling force up to 1500 N.

Silent operations

Minimum vibrations for maximum acoustic comfort, with less than 60 dBA noise level.

Simple installation,

thanks to the pre-wired connection cable.

Short and compact, thanks to its 53 mm width only, Nice Patio can be fit into any pergola structure.

Reliable system

The high degree of protection level makes it completely water proof and above all a reliable and long lasting actuator.

Solution available in Kit.

Extended operation without the risk of overheating.

Code	Description	Pcs./pack	Certificates
PATIO1515	Linear actuator with 1500 N pulling force adn 24Vdc supply power	1	CE
PATIOKIT1515	Kit composed by linear actuator with 1500 N pulling force, control unit and temperature sensor	1	CE

TECHNICAL SPECIFICATION

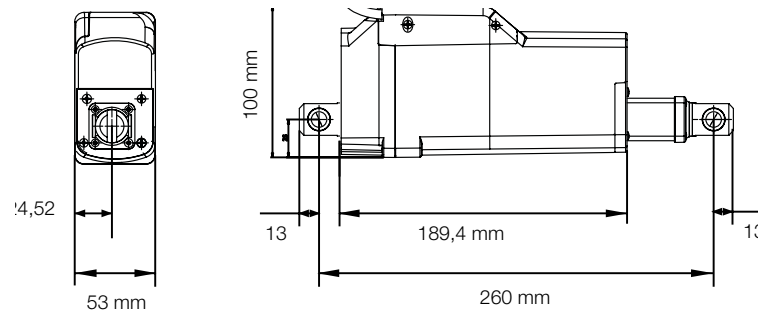
Code	PATIO1515
ELECTRICAL SPECIFICATIONS	
Power supply (Vdc)	24
Current draw (A)	approx 2.3
Power (W)	55
PERFORMANCE	
Force (N)	1500
Speed (mm/s)	6,5
Noise (dBA)	< 60
Stroke travel (mm)	150
Duty cycle	S3 15%
Protection Level (IP)	65
DIMENSIONAL DATA	
Operating temperature (C° Min/Max)	-10 - 60
Weight of motor (Kg)	1,5

POWER CABLE

Cable length 1,5 m, 2 wires in cable



DIMENSIONS



PatioControl

Patio operator and LED light control unit



The control unit with built-in radio receiver and LED light control module can manage up to two linear motors and four LED lights.

Built-in radio

The pergola slats can be controlled with Nice radio transmitters and climatic sensors.

Safe, smart system

Thanks to the easy speed adjustment and load control, together with the possibility of configuring partial opening positions.

Temperature sensor

Detects frost and snow on the pergola slats, so avoiding possible damage to the pergola roof.

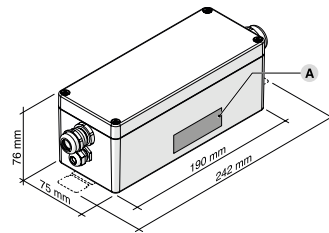
Tough and resistant

Thanks to the robust plastic housing and high protection level, the control unit guarantees reliability in all weather conditions.

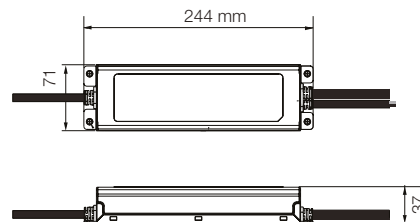
Built-in LED control module

for 24 V LED lights controlled by four independent light channels.

PATIOCONTROL DIMENSIONS



PATIOLP240 DIMENSIONS



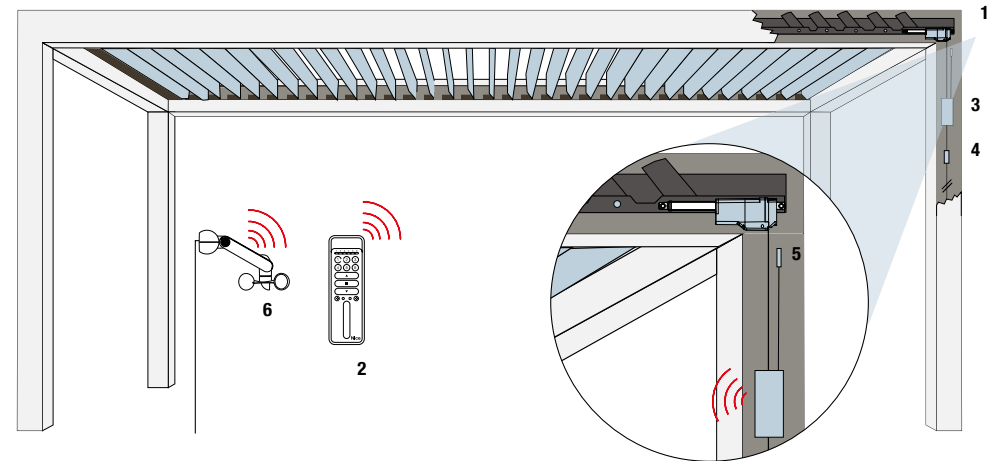
Code	Description	Pcs./pack	Certificates
PATIOCONTROL	Control unit for patios. 24VDC	1	CE
PATIOLP240	240W power supply module	1	CE
PATIOSENSORT	PatioControl temperature sensor	1	CE

TECHNICAL SPECIFICATION

Code	PATIOCONTROL	PATIOLP240
ELECTRICAL SPECIFICATIONS		
Power supply	24 Vdc	100-305 Vac / 142 - 431 Vdc
Current draw (A)	1.5	1.2 - 2.2*
Power (W)	200	240
PERFORMANCE		
Protection Level (IP)	65	67
Radio system	NICE NRC radio system	-
Light module	24V LED lights, 4 light channels	-
Temperature sensor	Frost and snow recognition	-
Radio frequency (MHz)	433	-
DIMENSIONAL DATA		
Dimensions (mm)	190 x 75 x 75	244 x 71 x 37,5
Colour	Silver grey	White
Operating temperature (°C Min/Max)	-20 / 50	-40 / 90

* 1.2 A at 277 Vac, 2.2 A at 115 Vac

INSTALLATION DIAGRAM



1. Motor 2. Transmitter 3. Control unit 4. Power Supply module 5. Temperature Sensor 6. Climatic sensor



Nice



Adapters and supports

196. Adapters and supports
Era Inn XS Ø 25 mm

197. Adapters series S Ø 35 mm

204. Supports series S Ø 35 mm

209. Adapters series M Ø 45 mm

219. Supports series M Ø 45 mm

228. Adapters series L Ø 58 mm

238. Supports series L Ø 58 mm

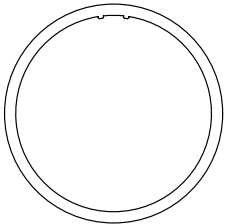
240. Adapters and supports XL Ø 90 mm

248. Common accessories

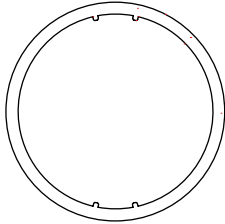
249. Handcranks and eyebolts

Adapters and supports - Era Inn XS Series Ø 25 mm

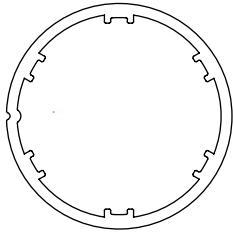
To facilitate the choice of adapter compatible with the type of roller in the system, Nice provides the sections of the rollers in 1:1 scale and indicates the corresponding adapter code for each.



512.22900
Round 29x1.5 Benthin wheel

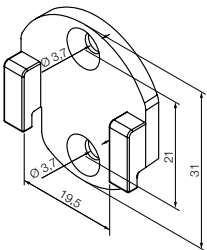


512.22901
Round 29x1.3 Rollease wheel



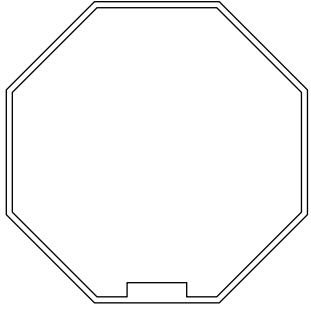
512.23000
Round 30x1 Coulissee wheel

512.23600
Extra-small ring adaptor for small crown



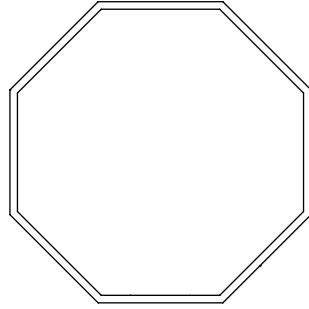
522.30000
Head support for Rollease bracket Skyline series

Adapters - S series Ø 35 mm



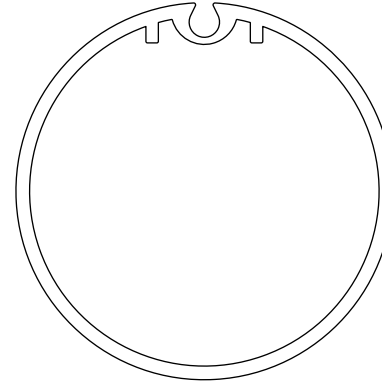
503.04000

Octagonal 40x(0.6-0.8)
wheel + crown



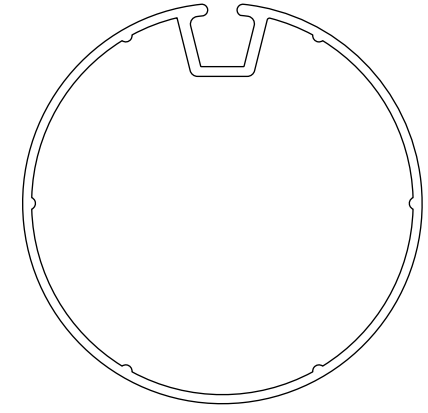
503.04001

Octagonal 40x1
wheel + crown



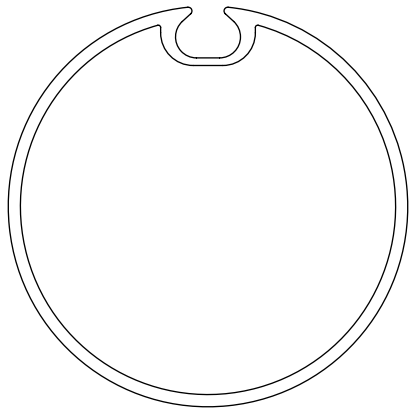
503.15000

Notch 50x2
wheel + crown



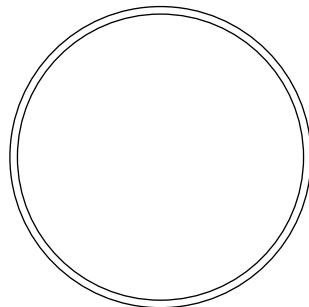
503.15300

Notch 53x1.5
wheel + crown



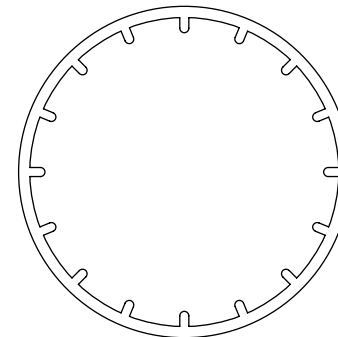
503.15301

Notch 53x2
wheel + crown



503.24000

Round 40x1
wheel + crown



503.24115

Round 44x3.5
wheel + crown

Control systems

For indoor
blinds

For outdoor
blinds and awnings

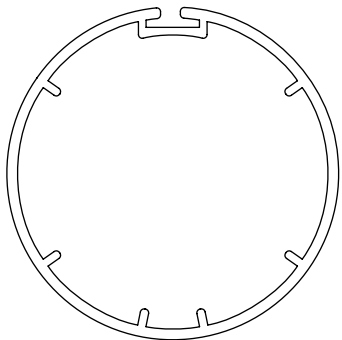
For rolling shutters
and rolling door

For bioclimatic
pergolas

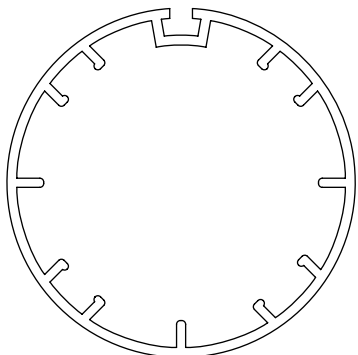
Adapters
and supports

Installation
guide

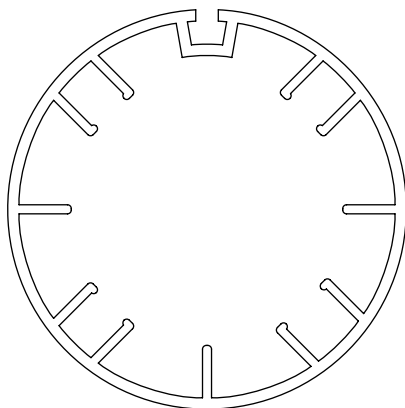
Adapters - S series Ø 35 mm



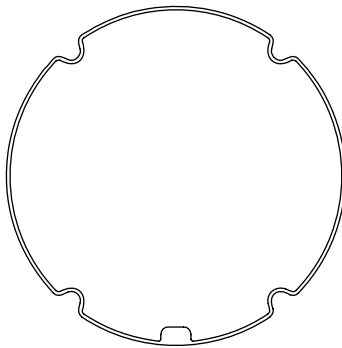
503.24315
Round with ribbing and inner size 37
wheel + crown



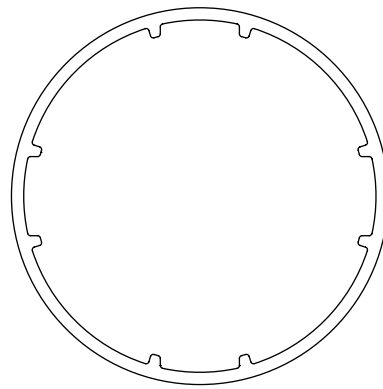
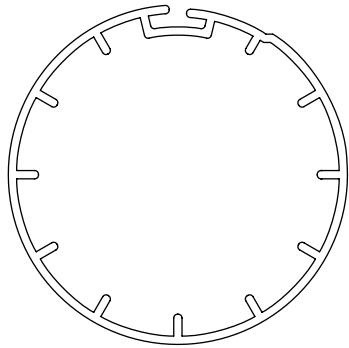
503.24615
Notch 45x4
wheel + crown



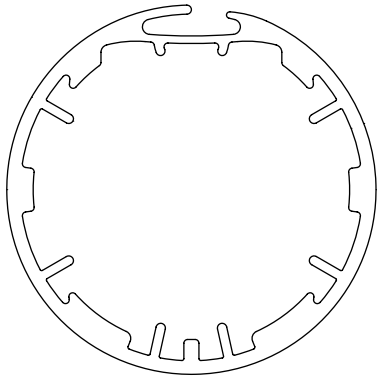
503.25000
Round 50x1.5
wheel + crown



503.24500
ZF45
wheel + crown

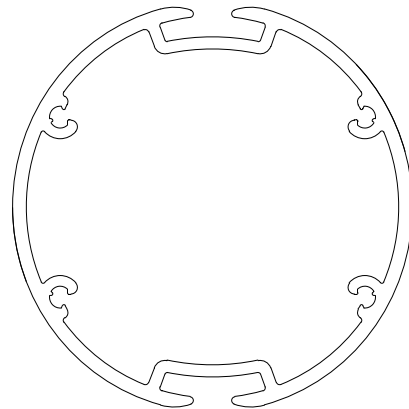


503.25001
Round 50 Rollease (Roller 2.00K)
wheel + crown



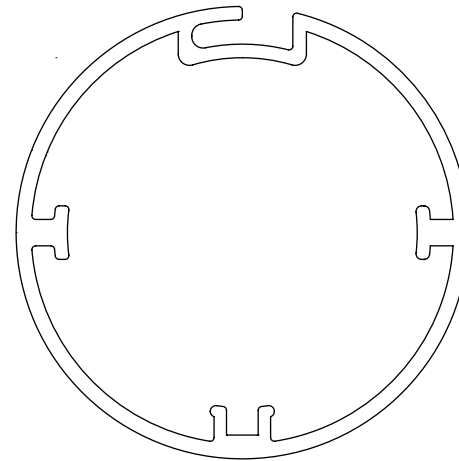
503.25003

Round 45 ACMEDA with inner ribbing
wheel + crown



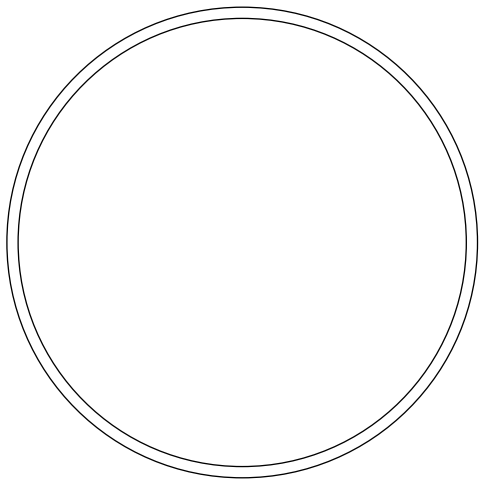
503.25300

Notch 53x1.5 HD
wheel + crown



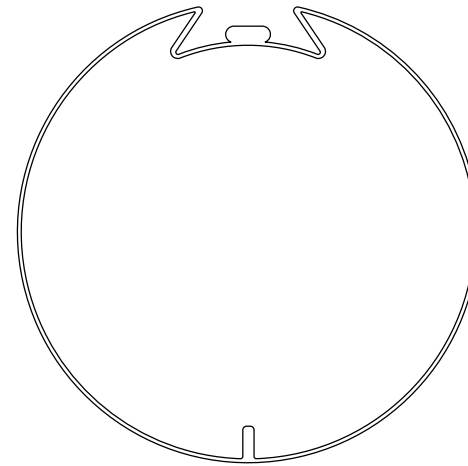
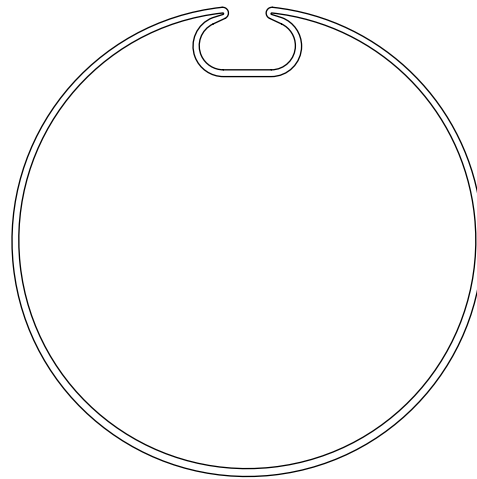
503.26000

Round 60x2 with special notch and inner ridges
wheel + crown

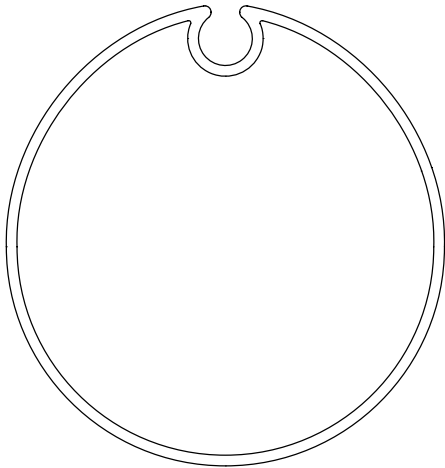


503.26200

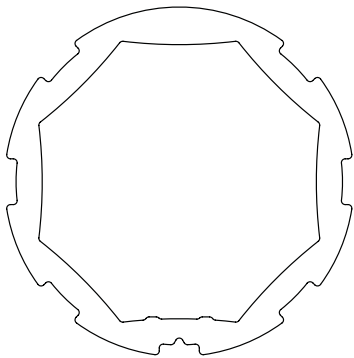
Round 63x1.5 (Welser) - 62x0.6 (Deprat)
wheel + crown



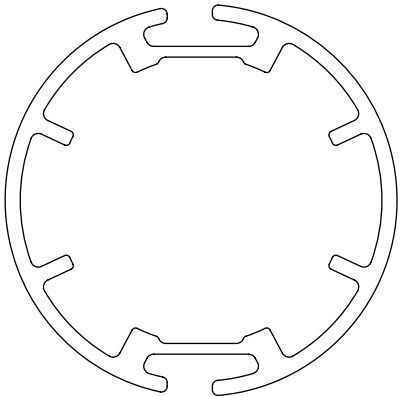
Adapters - S series Ø 35 mm



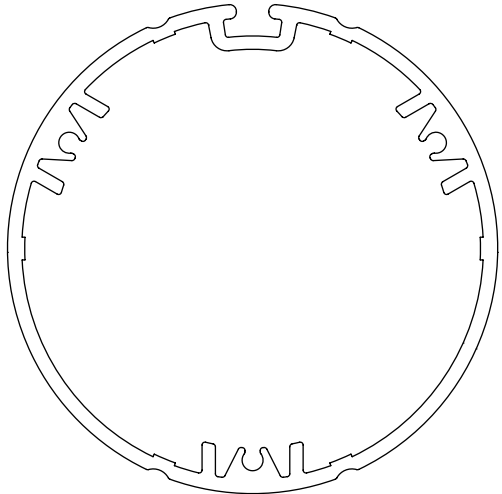
503.26201
Oval with notch 61-64x1.5
wheel + crown



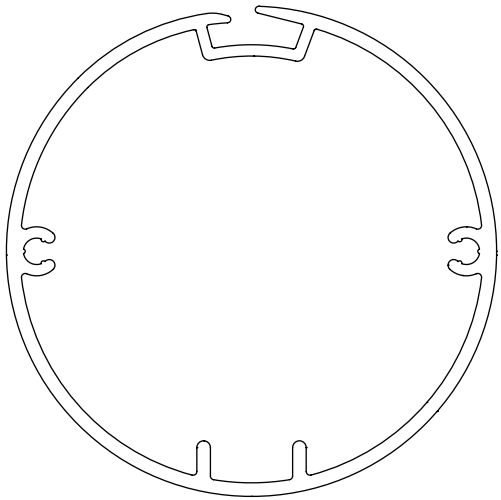
513.04000
Octagonal 37
rubber wheel + crown



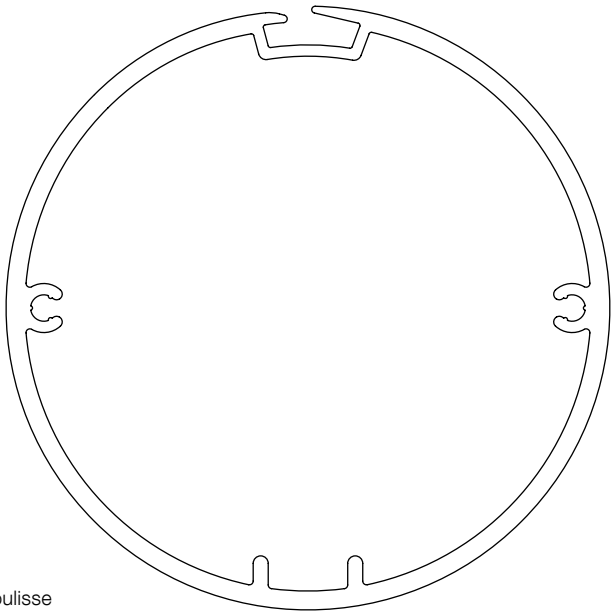
513.15200
Notch 52x2 Benthin
wheel + crown



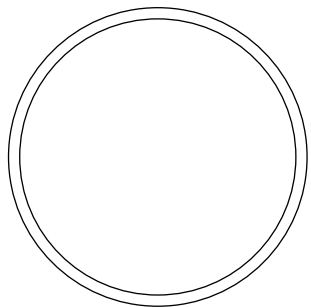
513.16300
Notch 65x1.8
wheel + crown



513.16501
Notch 65x1.8 Coulisse
wheel + crown

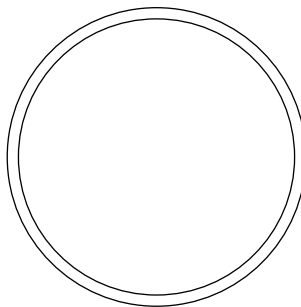
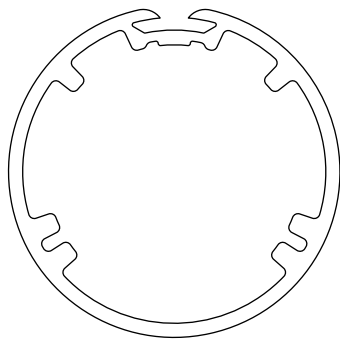


513.18000
Notch 80x2.5 Coulisse
wheel + crown



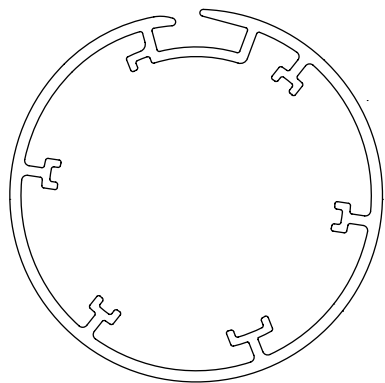
513.24000

Round 40x(1,4-2)
wheel + crown



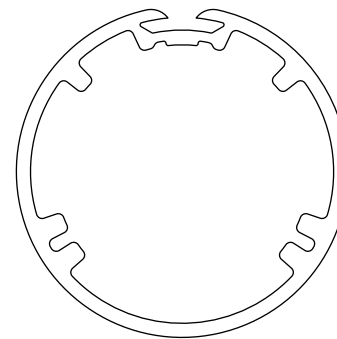
513.24200

Round 42x1.5 Coulisse
wheel + crown

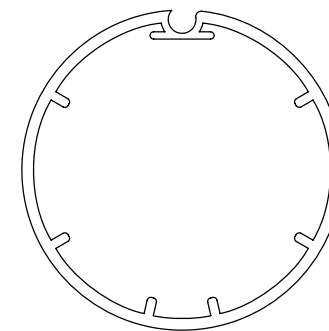
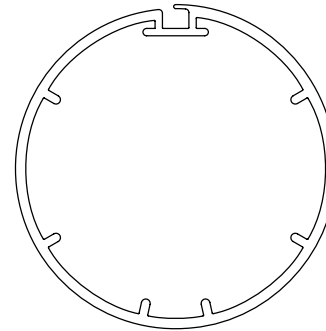
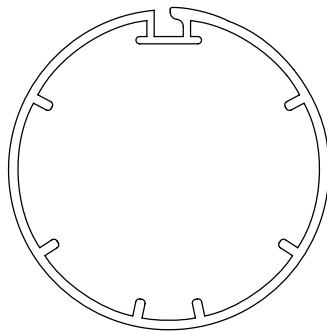
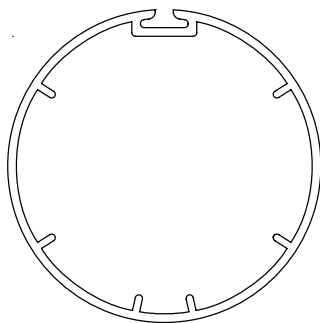
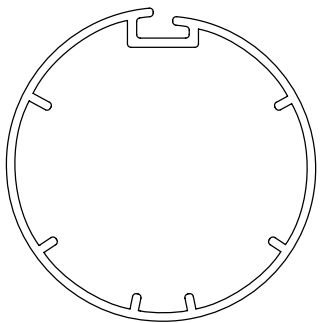


513.24201

Round 42x1.5 Silentgliss
wheel + crown

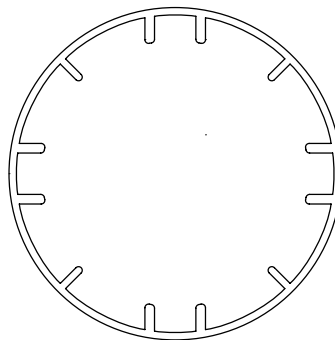
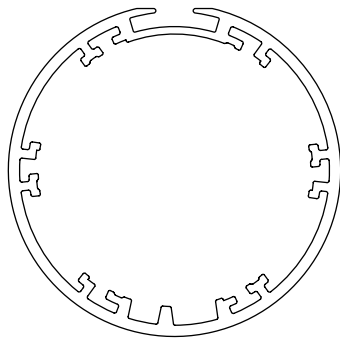
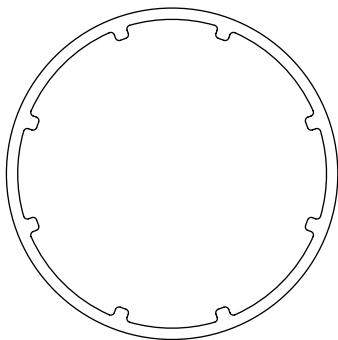


Adapters - S series Ø 35 mm



513.24215

Round 44
|wheel + crown



513.24401

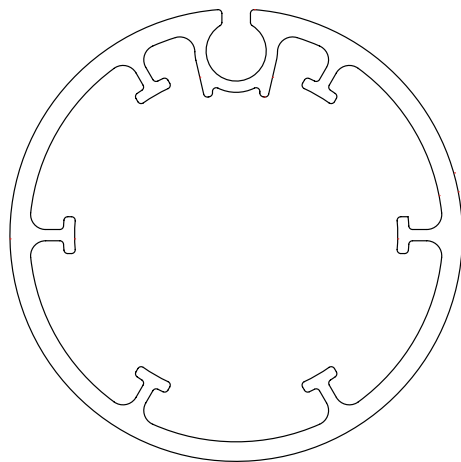
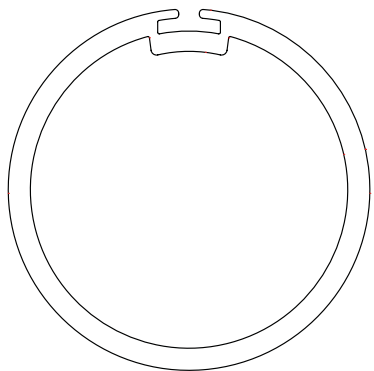
Round 44x1.5 Benthin
wheel + crown

513.24415

Round 44.5x1.5
wheel + crown

513.24515

Round 45x4.5
wheel + crown

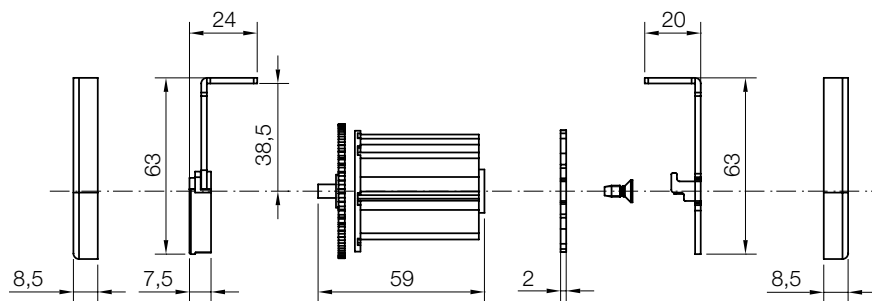
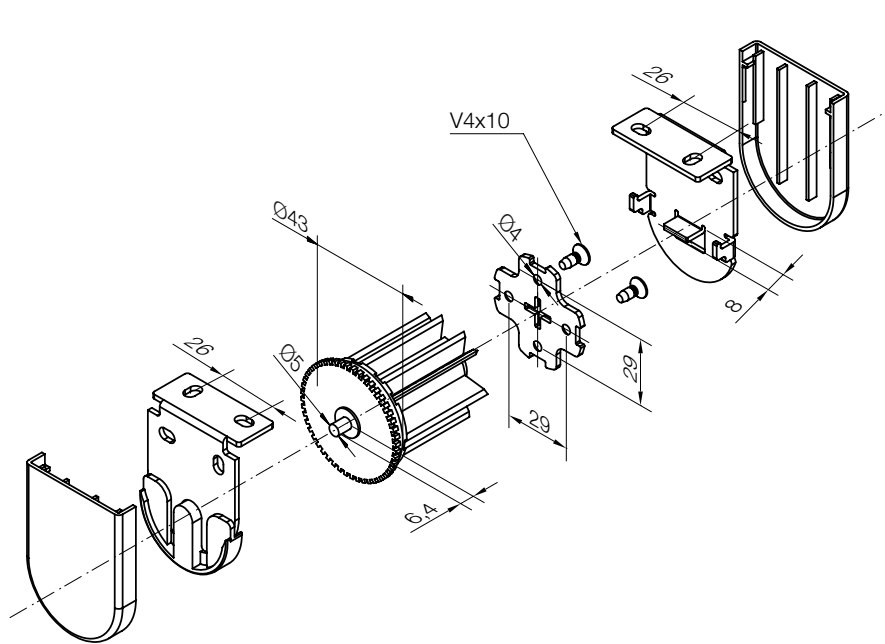


513.24900

Notch 49x2.9 and 60x2.5 Mottura
wheel + crown

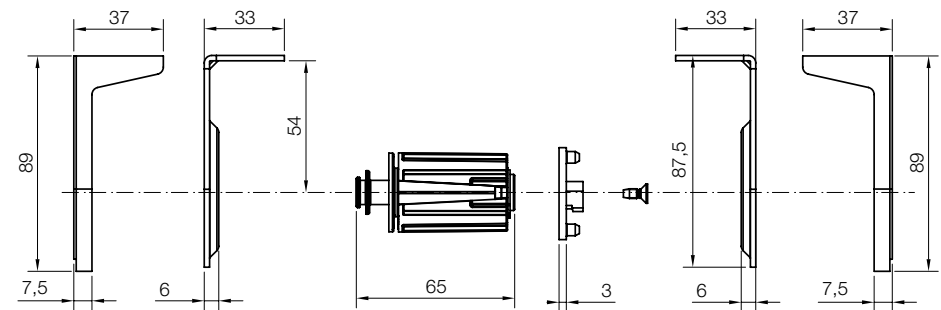
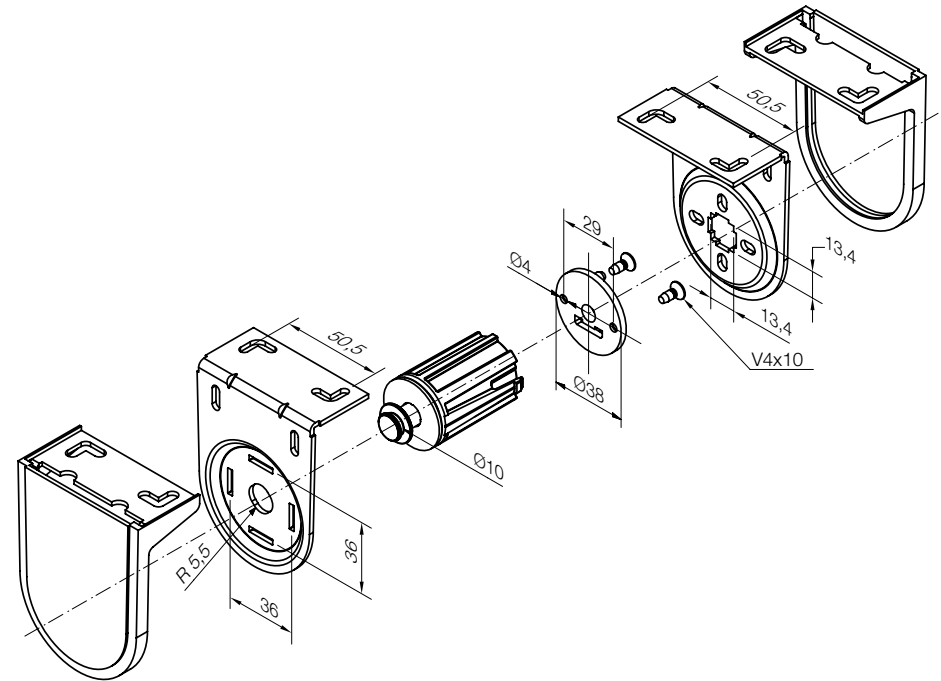
Supports - S series Ø 35 mm

Support kit



523.40001

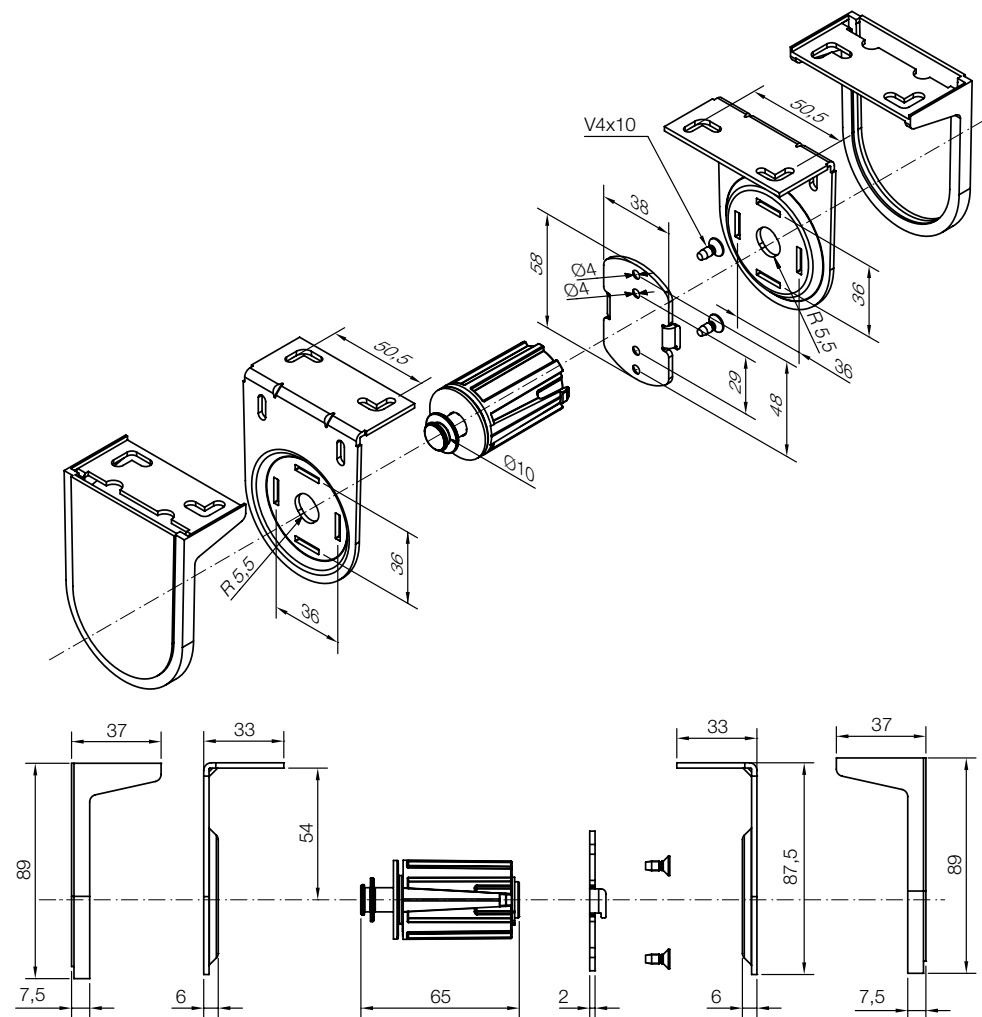
White support kit with flange, centre distance 40 mm, for Ø 35 mm motors and 48 mm Ø Acmeda roller.



525.40001

White support kit, centre distance 55 mm, for Ø 35 mm motors, max 3 Nm. Must be used together with cap kit 575.24801, 575.26000 or 575.25000.

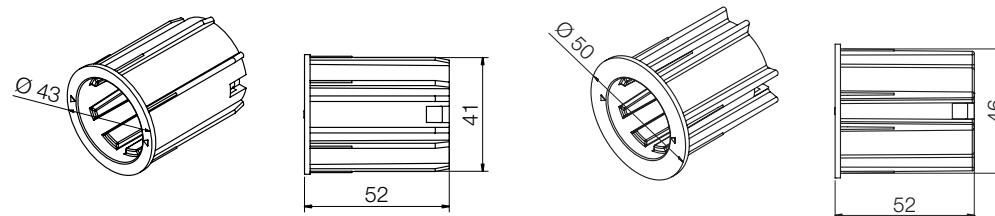
Support kit



525.40003

White support kit, centre distance 55 mm, for Ø 35/45 mm motors, max 10 Nm.
Must be used together with cap kit 575.24801, 575.26000, 575.25000, 575.26300.

Cap kit

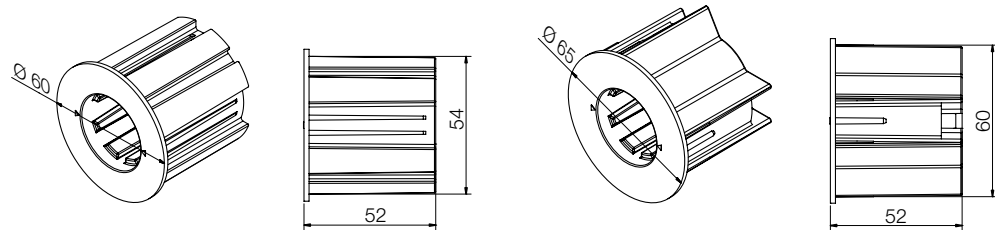


575.24801

White cap kit for Ø 48 mm Acmeda roller, for Ø 35 mm motors. Must be combined with the white support kit, centre distance 55 mm, for Ø 35 mm motors, 525.40001 or 525.40003.

575.25000

White cap kit for 2" (50 mm) Rollease roller, for Ø 35/45 mm motors. Must be combined with the white support kit, centre distance 55 mm for Ø 35/45 mm motors 525.40001 or 525.40003.



575.26000

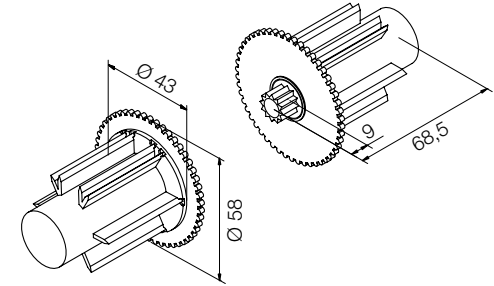
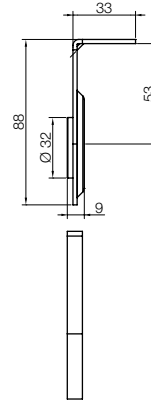
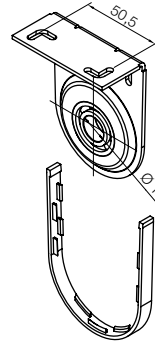
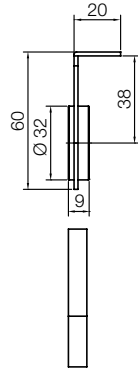
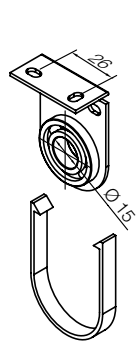
White cap kit for Ø 60 mm Acmeda roller, for Ø 35/45 mm motors. Must be combined with the white support kit, centre distance 55 mm, for Ø 35 mm motors, 525.40002 or 525.40003.

575.26300

White cap kit for 2.5" Rollease roller, for Ø 35/45 mm motors. Must be combined with the white support kit, centre distance 55 mm, for Ø 35 mm and 45 mm motors 525.40002 or 525.40003.

Supports - S series Ø 35 mm

Intermediate supports



523.40002

Intermediate white support, centre distance 40 mm, for Ø 35 mm motors.
Must be used together with cap kit 575.24800.

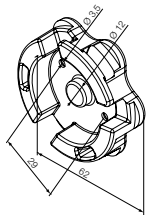
525.40004

Intermediate white support, centre distance 55 mm, for Ø 35/45 mm motors.
Must be combined with the intermediate cap kit 575.24800.

575.24800

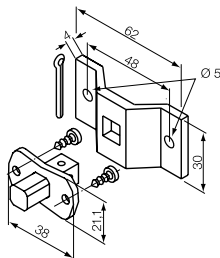
Intermediate white cap kit for Ø 48 mm Acmeda roller, for Ø 35 mm motors.
Must be combined with the intermediate supports 523.40002 or 525.40004.

Other supports



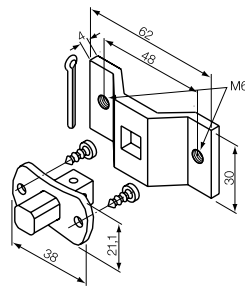
523.00000

White universal adapter compatible with supports for star head (29 mm centre distance)



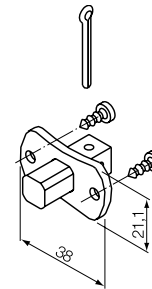
523.10012

10 mm square pin + bracket



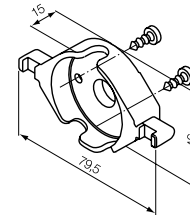
523.10012/M6

10 mm square pin + bracket with M6 holes



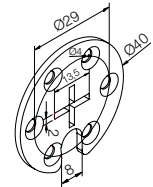
523.10013

10 mm square pin



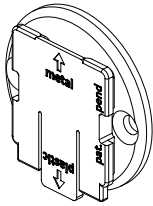
523.10014

Plastic support (can be used with art. 525.10052)



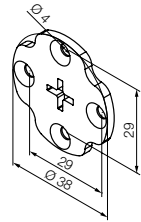
523.10015

Circular support with cross hole



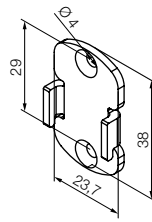
523.30000

White universal adapter for Coulisse supports (centre distance 29 mm)



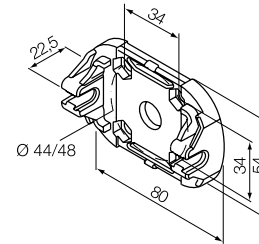
523.30001

White universal adapter compatible with R8 series Rollease supports (29 mm centre distance)



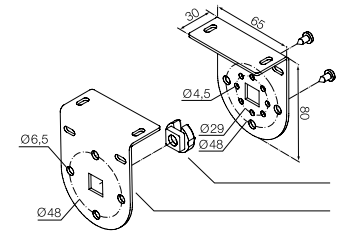
523.30002

White universal adapter compatible with Skyline series Rollease supports (29 mm centre distance).



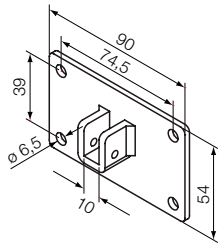
525.10052 max 30 Nm

Plastic snap-mount support (must be used with art. 523.10014)



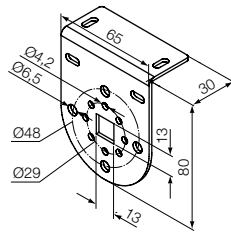
525.10070 max 30 Nm

Kit for blinds, white (for use with 575.12040 or 575.12050).



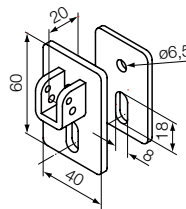
525.10074 max 30 Nm

90x54 flange with saddle bracket for 10 mm pin



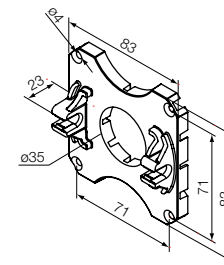
525.10075 max 30 Nm

White support with 4 countersunk holes.



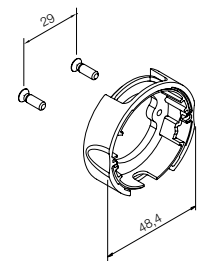
525.10087 max 30 Nm

Support kit with saddle bracket for 10 mm square pin



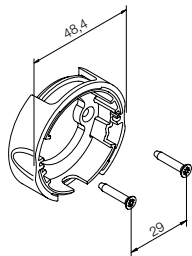
525.10088 max 30 Nm

Plastic snap-mount support (must be used with art. 523.10014)



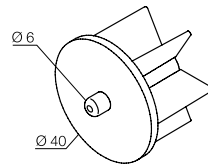
533.10010

Compact support (black)



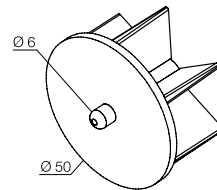
533.10011

Compact support (black)



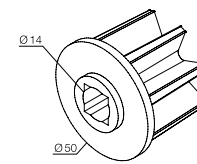
575.12040

Cap with pin for Ø 40 mm roller.



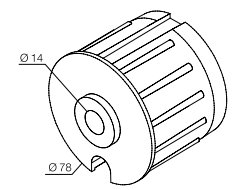
575.12050

Cap with pin for Ø 50 mm roller.



575.12150

Cap without pin for Ø 50 mm roller.



575.12178

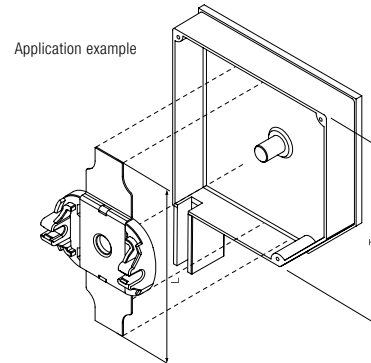
Cap without pin for Ø 78 mm roller.

Supports - S series Ø 35 mm

Blades for boxes

Must be used with art. 525.10052

Code	L size	T size	Max. torque
525.10080	120 mm	125 mm	15 Nm
525.10081	132 mm	137 mm	15 Nm
525.10082	145 mm	150 mm	15 Nm
525.10083	160 mm	165 mm	15 Nm
525.10084	175 mm	180 mm	30 Nm
525.10085	200 mm	205 mm	30 Nm
525.10086	179 mm	180 mm	30 Nm



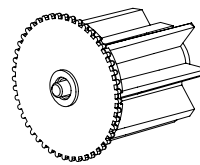
Acmeda

523.40003

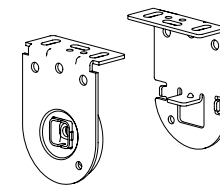
White support kit for Acmeda S45 rollers.

The kit comprises:

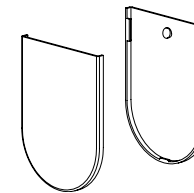
Code	Description
575.12045	Cap with retractable pin for Acmeda S45 rollers
523.10018	White bracket kit with flange for Acmeda S45 rollers
523.30018	White cover kit for brackets for Acmeda S45 rollers
523.20018	White adapter disk with cross hole for Acmeda S45 rollers



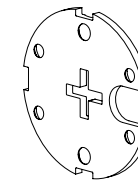
575.12045



523.10018



523.30018



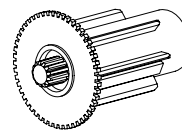
523.20018

523.40004

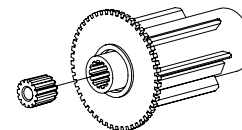
Intermediate white support kit for Acmeda S45 rollers.

The kit comprises:

Code	Description
575.16045	Intermediate white cap (male) for Acmeda S45 rollers
575.17045	Intermediate white cap (female) for Acmeda S45 rollers
523.18045	Intermediate white support for Acmeda S45 rollers



575.16045



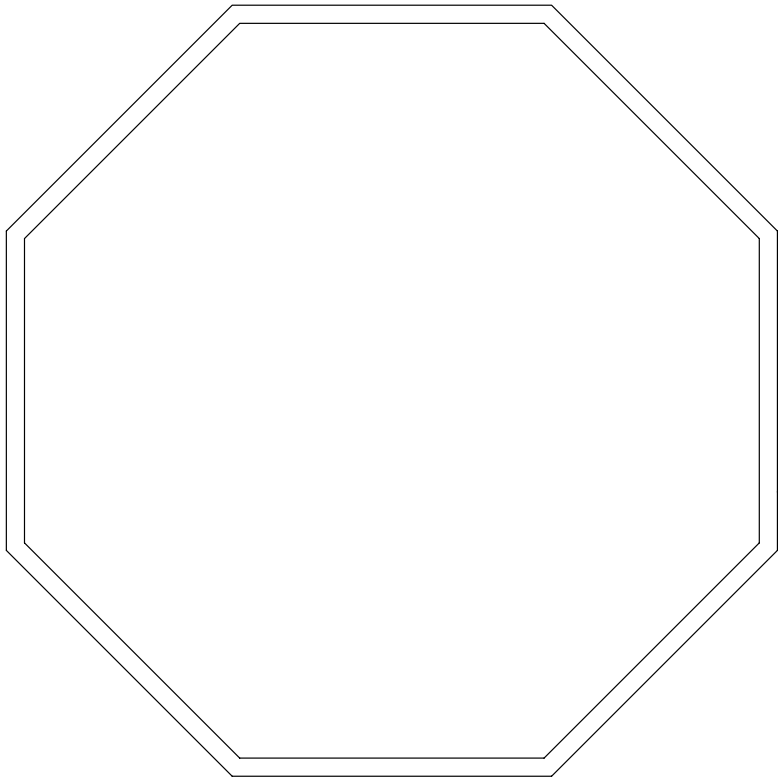
575.17045



523.18045

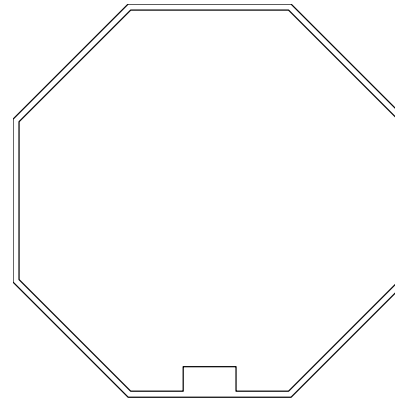
Adapters - M series Ø 45 mm

To facilitate the choice of adapter compatible with the type of roller in the system, Nice provides the sections of the rollers in 1:1 scale and indicates the corresponding adapter code for each.



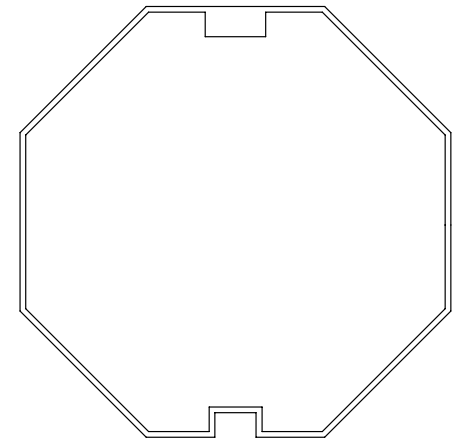
515.01020

Octagonal 102x2.5
wheel + crown



515.05200

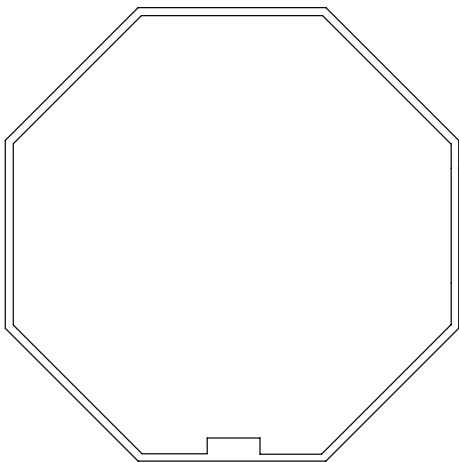
Octagonal 52x0.8
wheel + crown



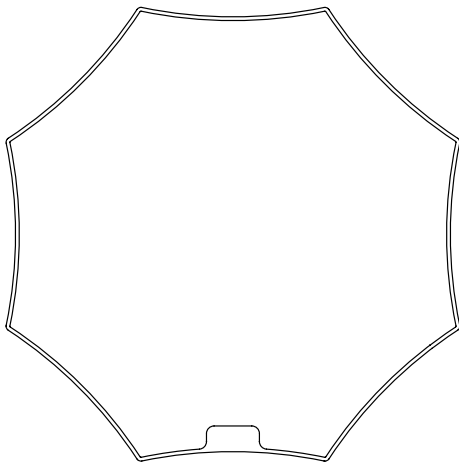
515.05700

Octagonal 57x0.8
wheel + crown

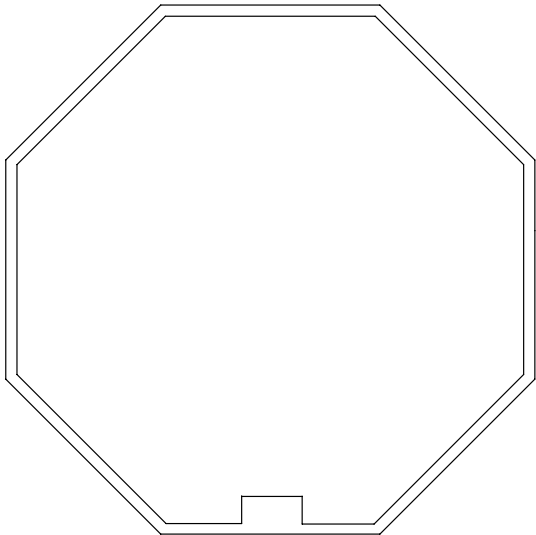
Adapters - M series Ø 45 mm



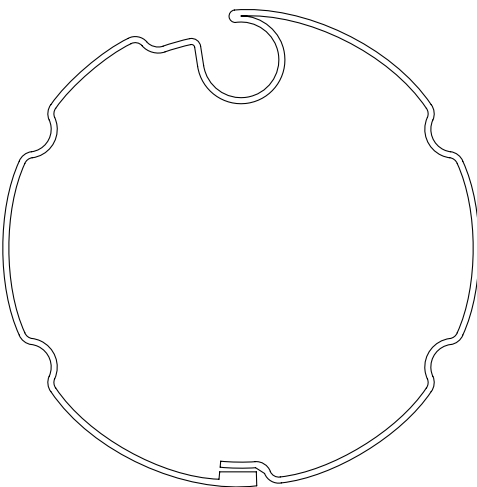
515.06000
 Octagonal 60x(0.6-1)
 wheel + crown



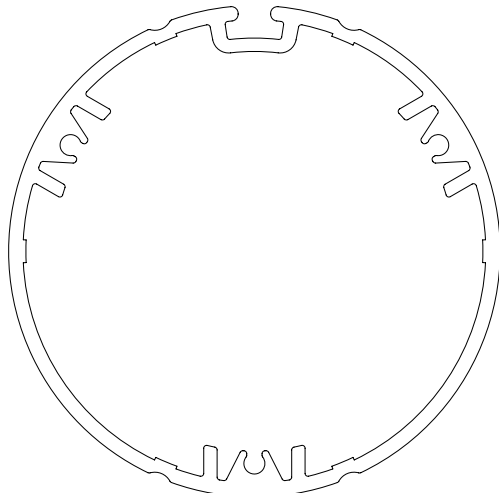
515.06010
 Octagonal star 60x0.5
 wheel + crown



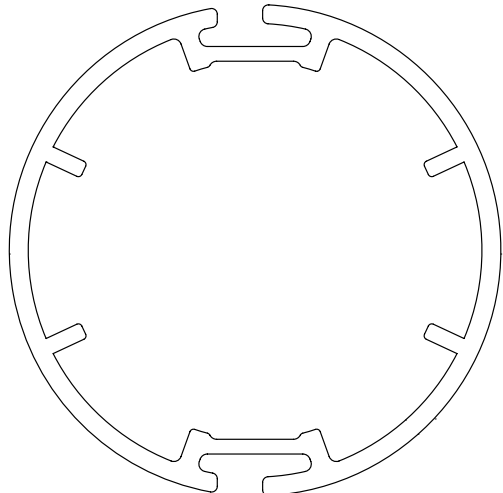
515.07000
 Octagonal 70x(1-1.5)
 wheel + crown



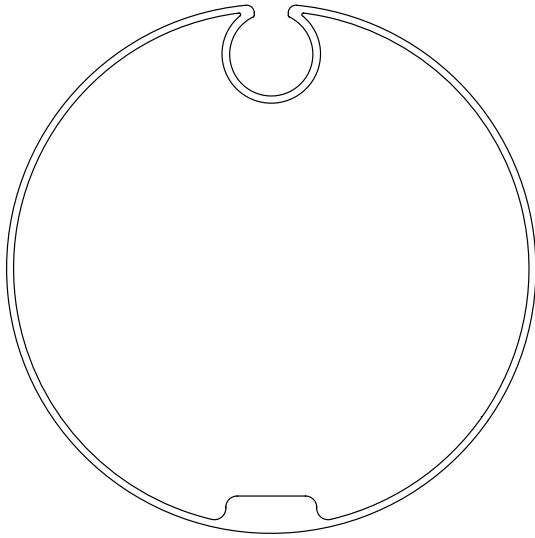
515.16300
 Inclined notch 63x0.8
 wheel + crown



515.16301
 Notch 65x1.8
 overmoulded wheel + crown

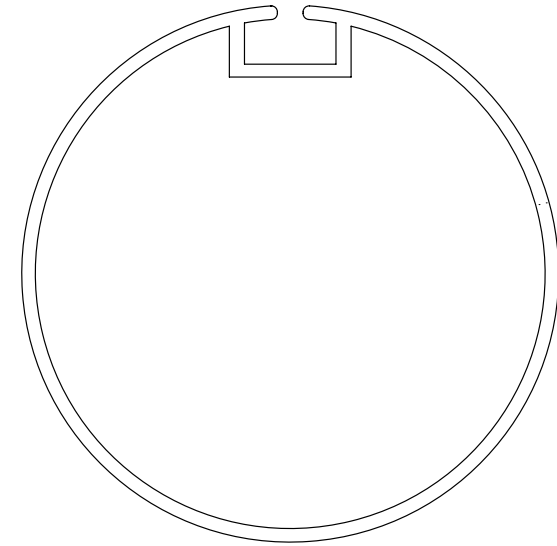
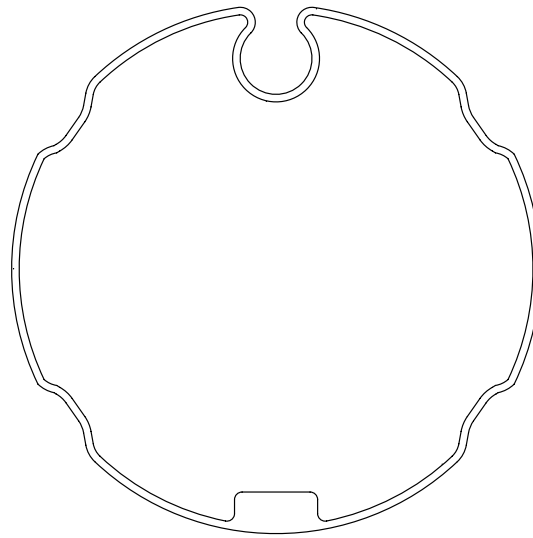


515.16500
 Notch 65x2.5 Benthin
 wheel + crown



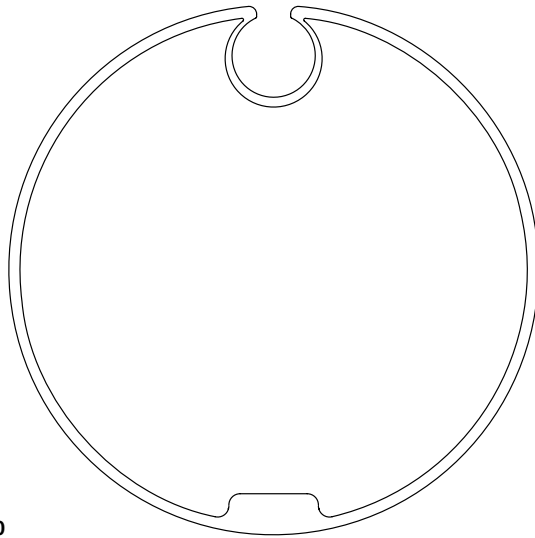
515.17000

Notch 70x(8-1,5)
wheel + crown



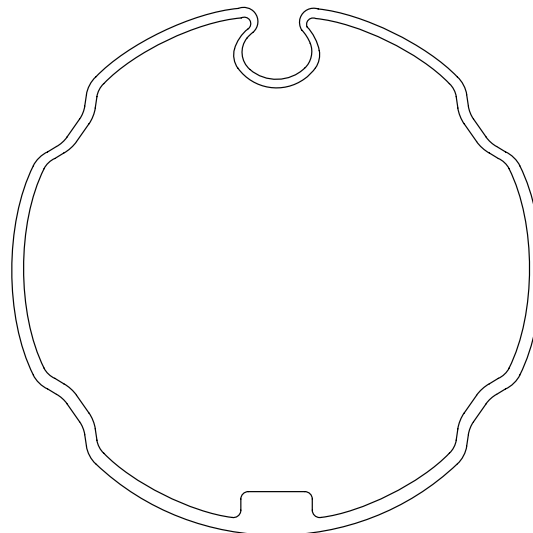
515.17102

Larger notch 71x1.8
wheel + crown

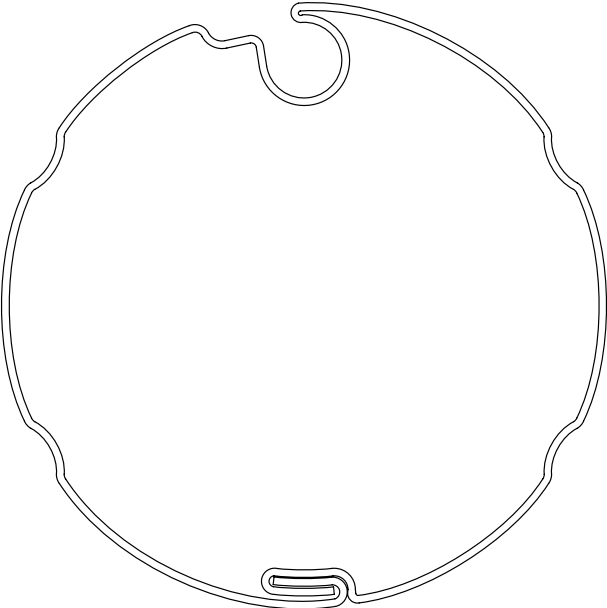


515.17100

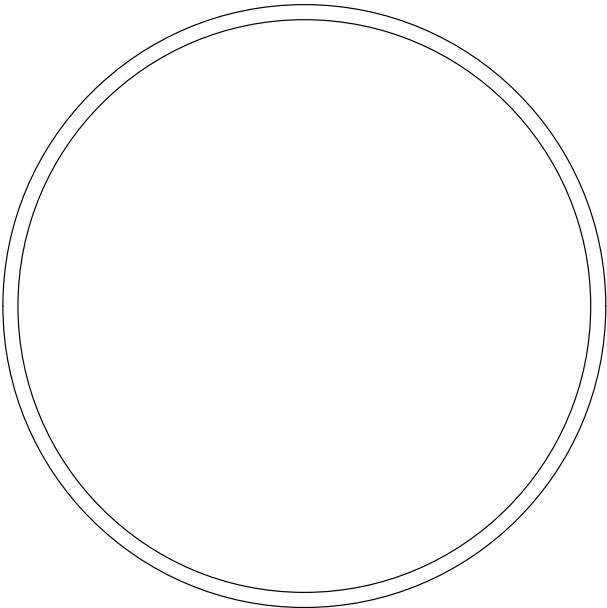
Notch 70x(8-1,5)
wheel + crown
concentric



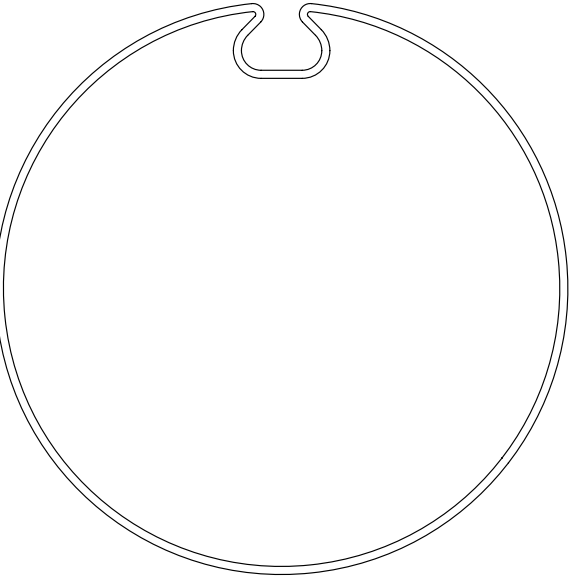
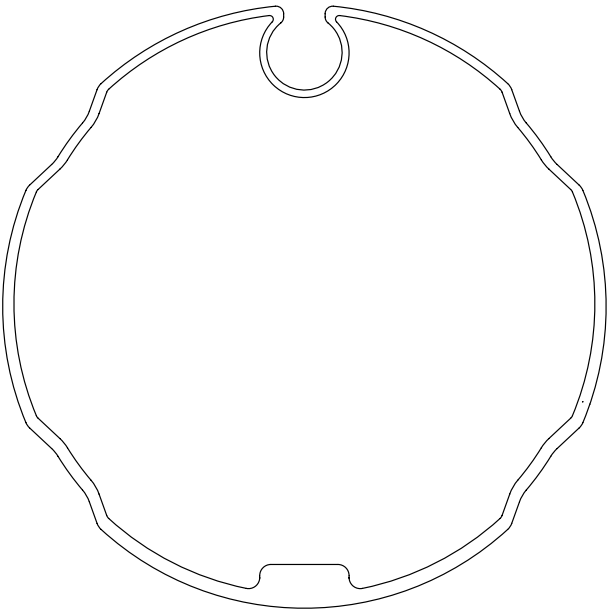
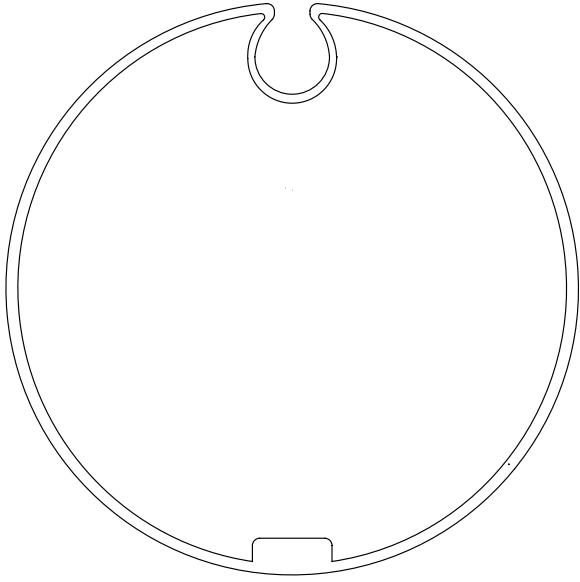
Adapters - M series Ø 45 mm

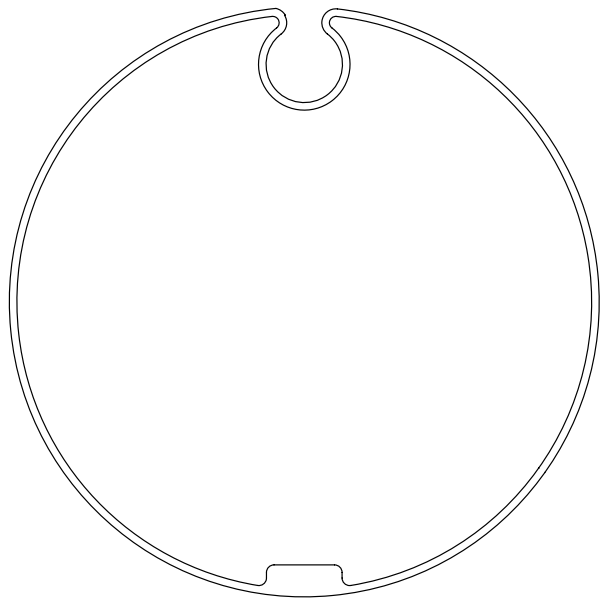


515.17300
Inclined notch 80x1
wheel + crown



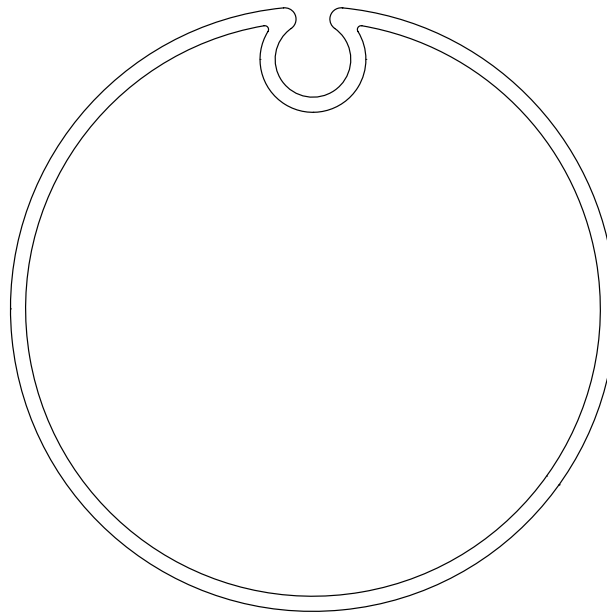
515.17800
Notch 78x(1-2)
wheel + crown





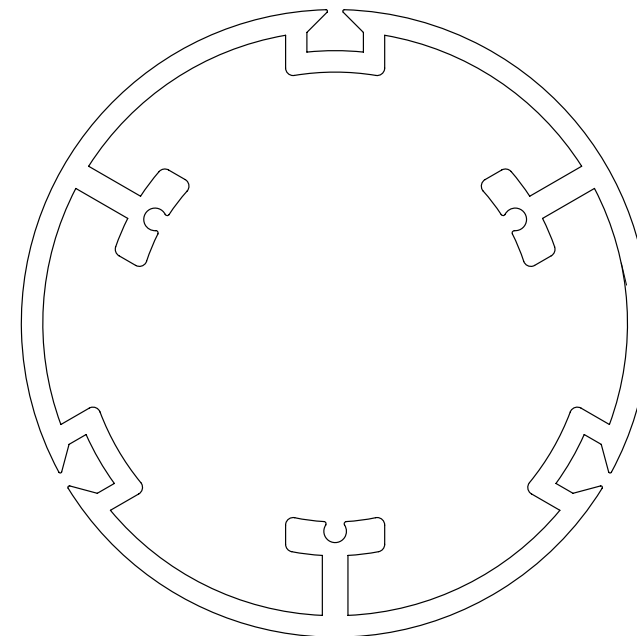
515.17801

Enlarged notch 78x1
wheel + crown



515.17802

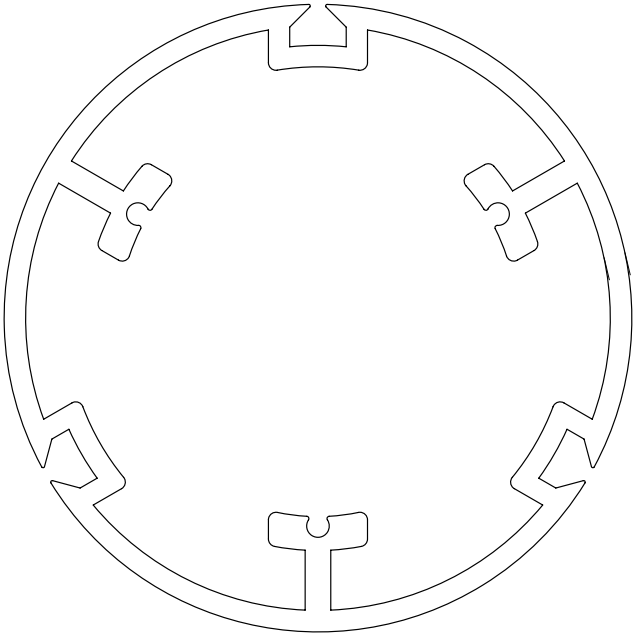
Notch 80x2
wheel + crown



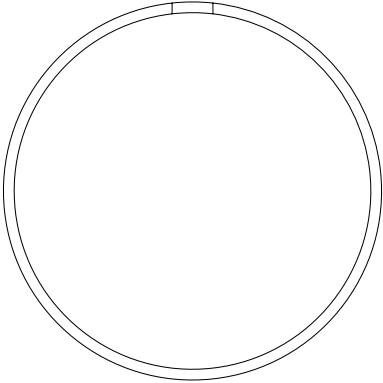
515.18300

Notch 83x3
wheel + crown

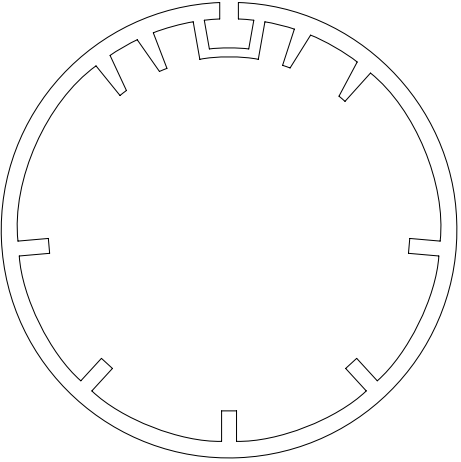
Adapters - M series Ø 45 mm



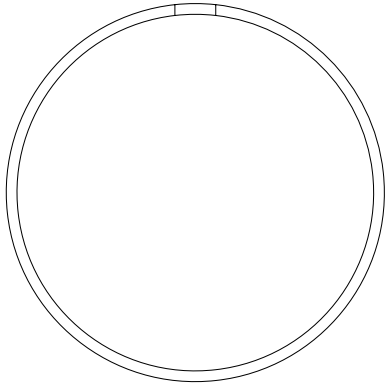
515.18301
Notch 83x3 Rollease
overmoulded wheel + crown



515.25000
Round 50x1.5
wheel

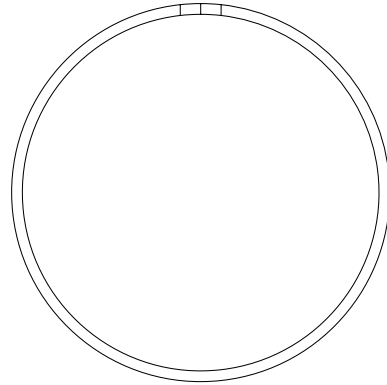


515.25001
Round with ribbing and tongue inner size 47
wheel + ring crown



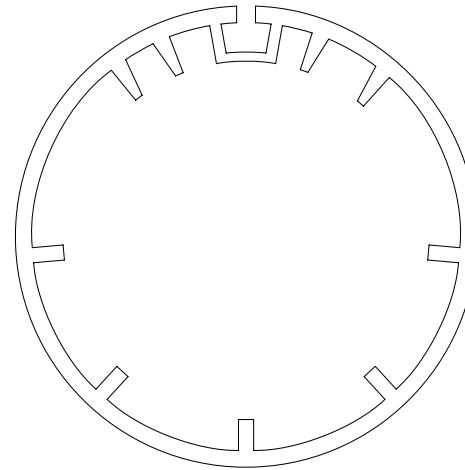
515.25002

Round 50x1.5
wheel + ring crown



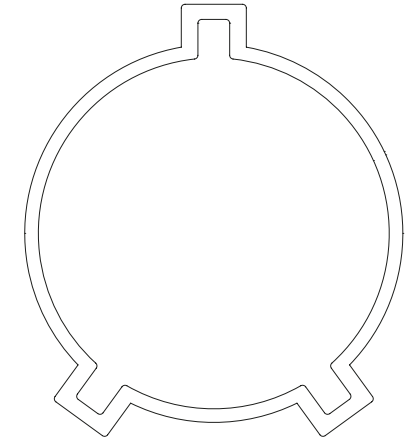
515.25003

Round 50x(1,3-1.5)
wheel + compensating crown



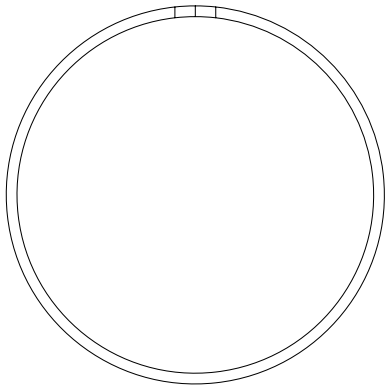
515.25004

Round with ribbing and tongue inner size 47
wheel + compensating crown



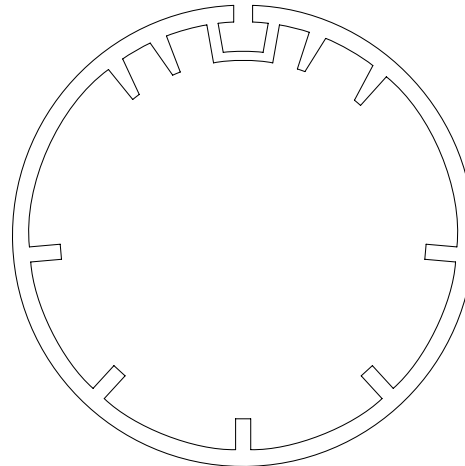
515.25005

Round 50x2
wheel



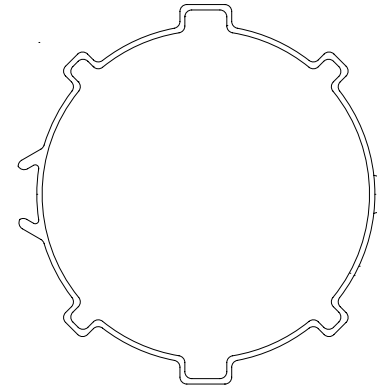
515.25006

Round 50x(1.3-1.5)
wheel + crown



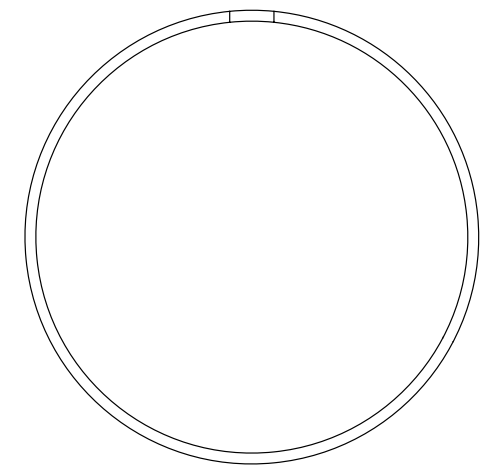
515.25007

Round inner size 47
wheel + crown



515.25200

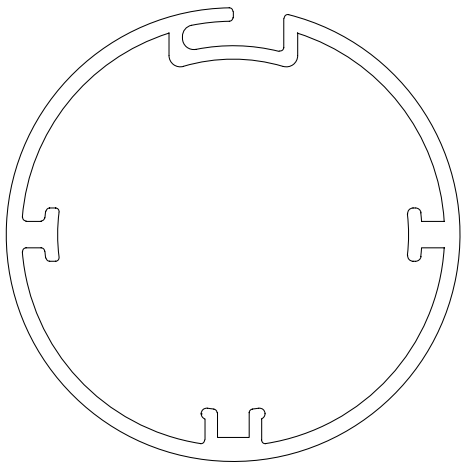
Soprofen 52x0.7
wheel



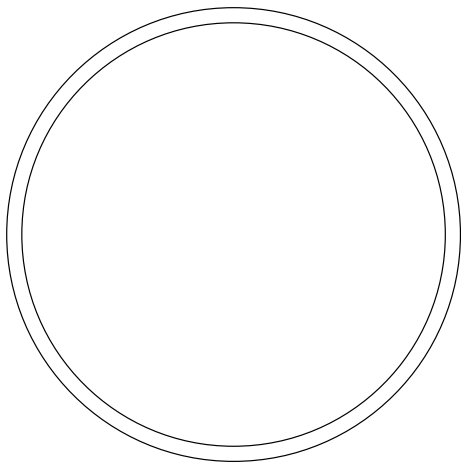
515.26000

Round 60x1.5
wheel + crown

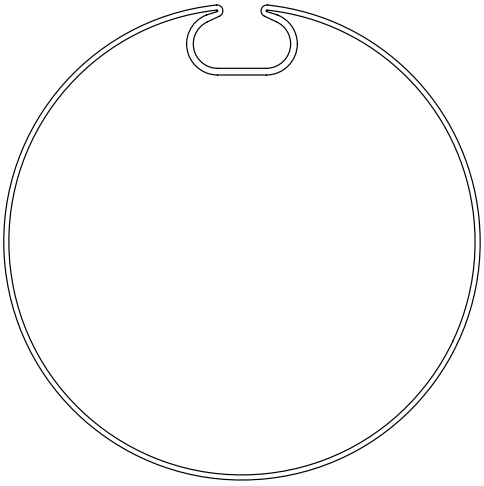
Adapters - M series Ø 45 mm



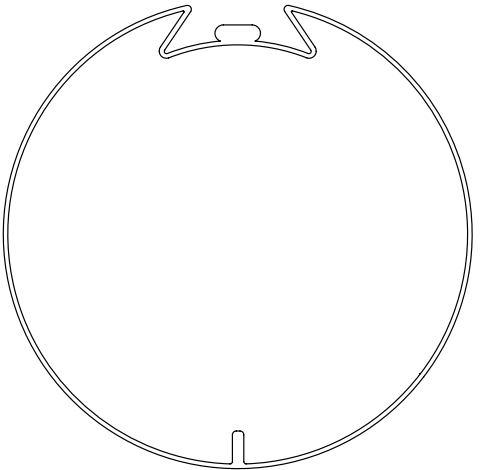
515.26002
Notch 60x2 Acmeda
wheel + crown



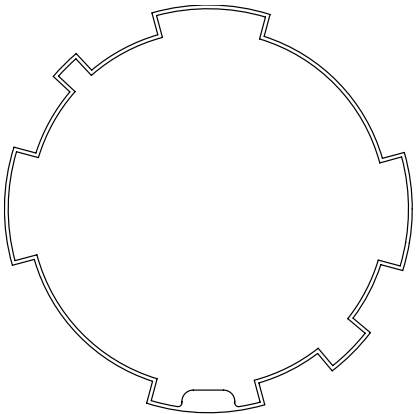
515.26020
Round 60x2
wheel + crown



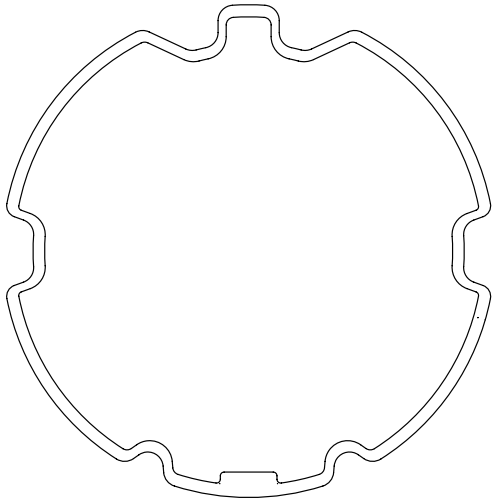
515.26200
Round 63x1 (Welsler)
- 62x0.6 (Deprat)
wheel + crown

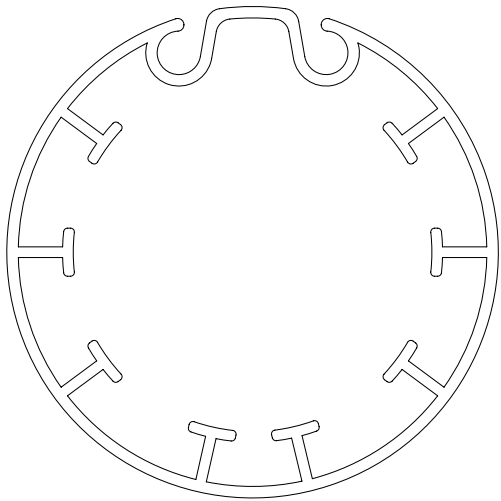


515.26254
ZF54, DP53
wheel + crown



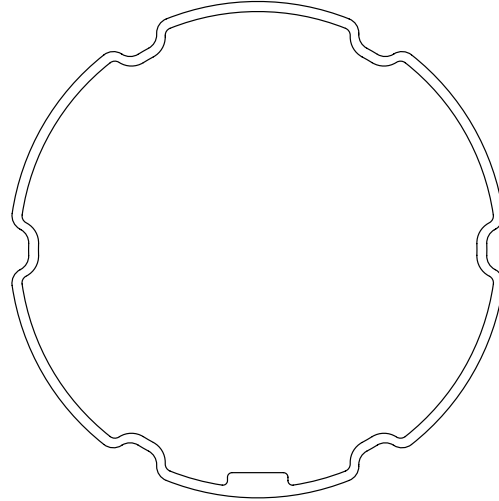
515.26264
ZF64
wheel + crown





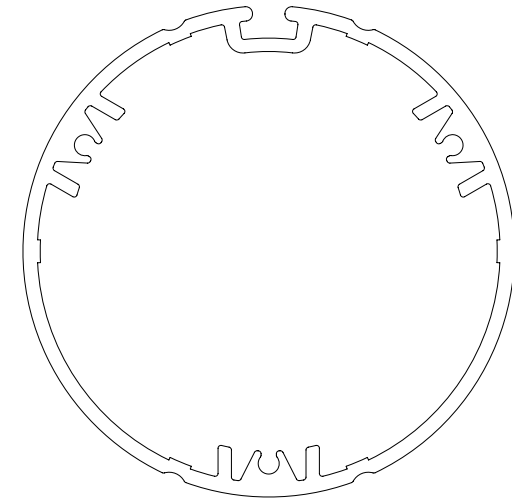
515.26400

Round 64
with ribbing and 47 internal
wheel + crown



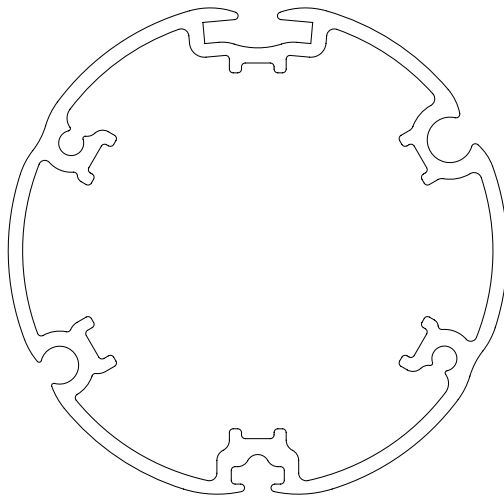
515.26500

Eckermann 65x1
wheel + crown



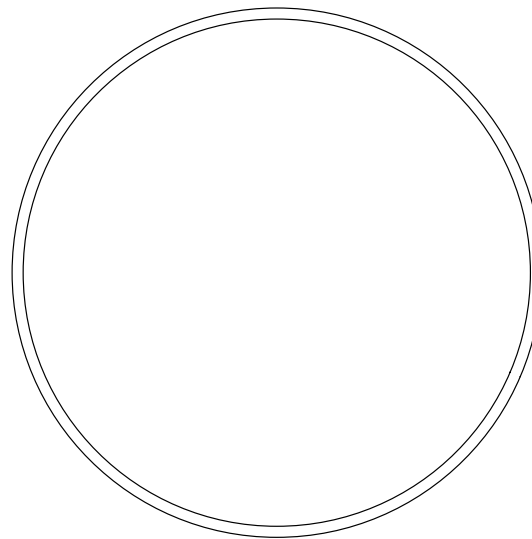
515.26501

Notch 65x1.8
wheel + crown



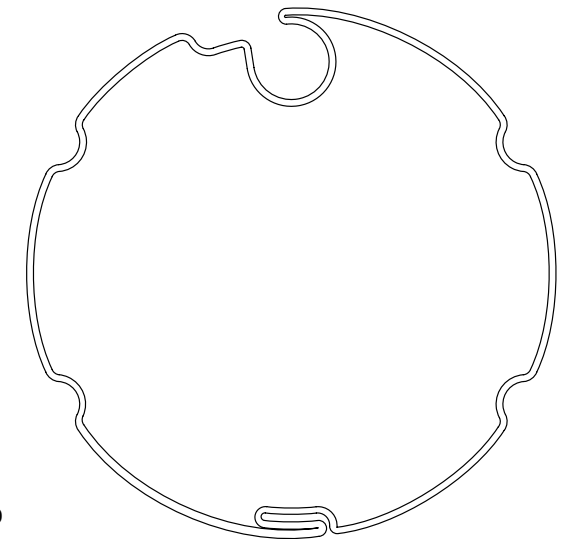
515.26600

Hunter Douglas 66x2 notch
wheel + crown



515.27000

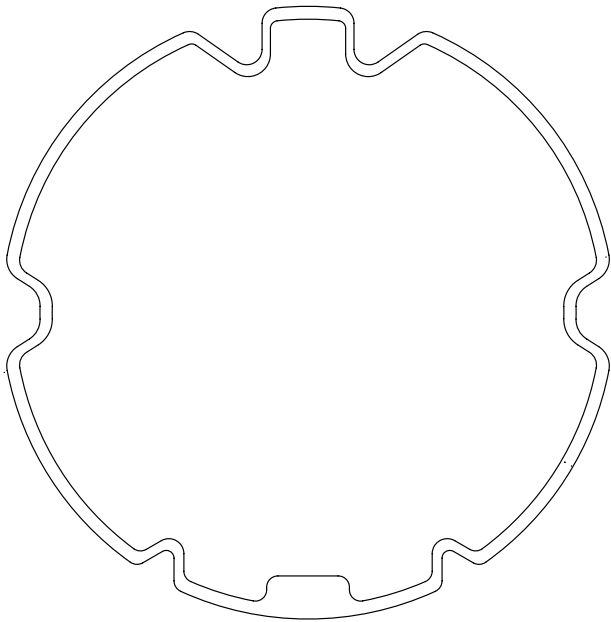
Hunter Douglas 66x2 notch
wheel + crown



515.27300

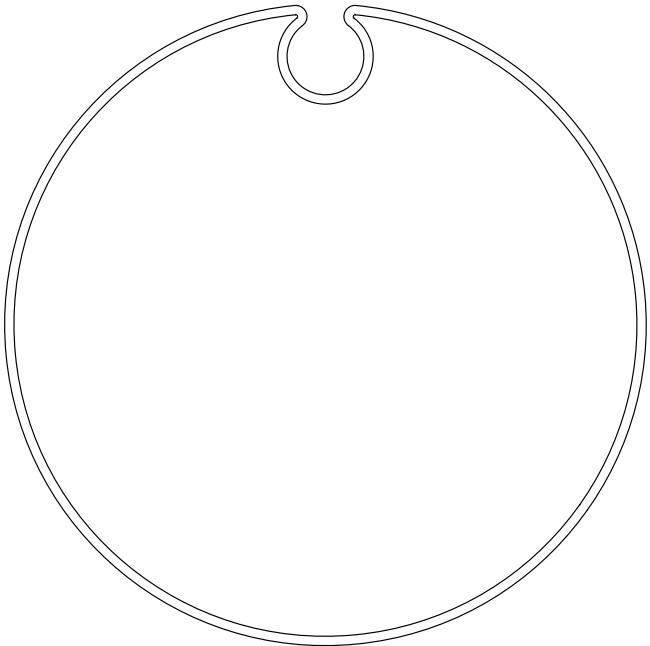
Inclined notch 70x1
wheel + crown

Adapters - M series Ø 45 mm



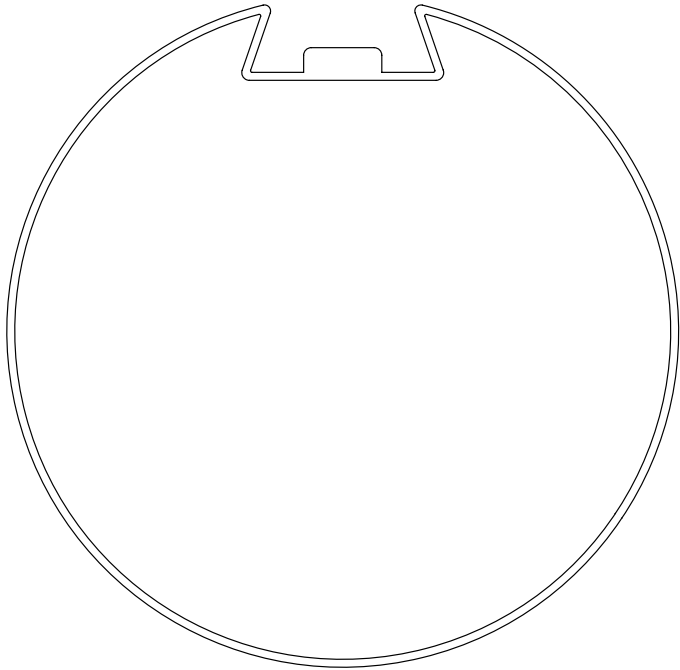
515.28000

ZF80
wheel + crown



515.28500

Notch 85x1.3
wheel + crown

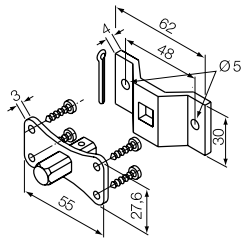


515.28900

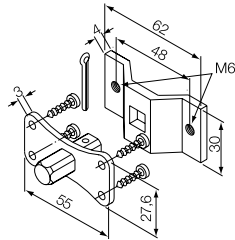
Round 89x1.1 (Deprat) |wheel + crown

Supports - M series Ø 45 mm

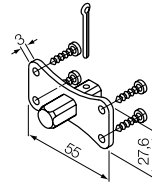
For tubular motors without emergency override mechanism



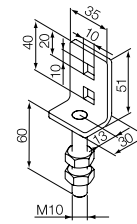
525.10012/AX max 30 Nm
10 mm square pin + bracket



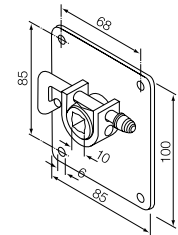
525.10012/M6AX max 30 Nm
10 mm square pin + bracket with M6 holes



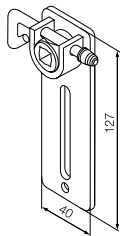
525.10013/AX max 30 Nm
10 mm square pin



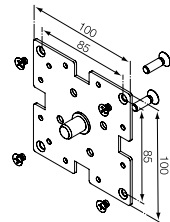
525.10020
Adjustable bracket for 10 mm square pin
(must be used with art. 525.10013/AX)



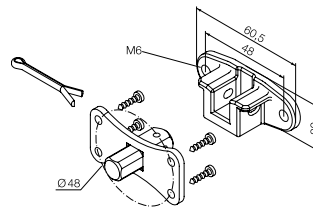
525.10032
Saddle bracket for 10 mm square pin,
with release (must be used with
art. 525.10013/AX)



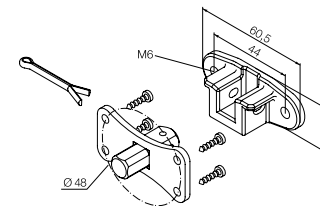
525.10033
Adjustable saddle bracket for 10 mm square
pin, with release (must be used
with art. 525.10013/AX)



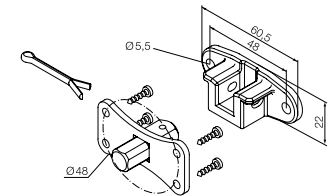
525.10044
Support with 100x100 flange



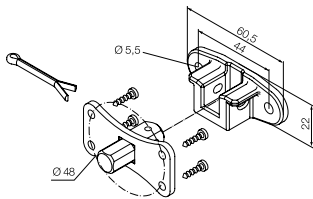
525.10056 max 30 Nm
10 mm square pin + saddle bracket, with
M6 holes, centre distance 48 mm (for motors
with manually programmed limit switch)



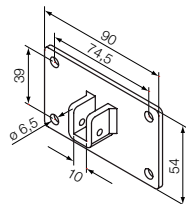
525.10057 max 30 Nm
10 mm square pin + saddle bracket, with
M6 holes, centre distance 44 mm (for motors
with manually programmed limit switch)



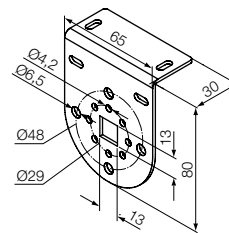
525.10061 max 30 Nm
10 mm square pin + saddle bracket, centre
distance 48 mm (for motors with manually
programmed limit switches)



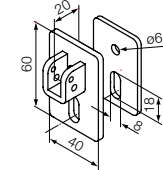
525.10062 max 30 Nm
10 mm square pin + saddle bracket,
centre distance 44 mm (for motors with
manually programmed limit switches)



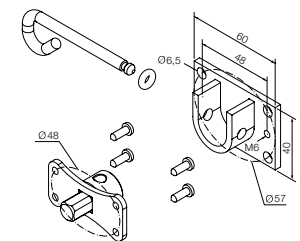
525.10074 max 30 Nm
90x54 flange with saddle bracket
for 10 mm pin.



525.10075 max 30 Nm
White support with 4 countersunk holes.



525.10087 max 30 Nm
Support kit with saddle bracket for 10 mm
square pin.



525.10091
Round pin + saddle bracket, with M6 holes,
centre distance 48 mm, with release

Control systems

For indoor
blinds

For outdoor
blinds and awnings

For rolling shutters
and rolling door

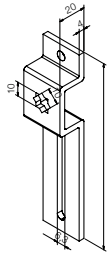
For bioclimatic
pergolas

Adapters
and supports

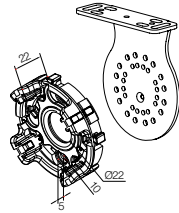
Installation
guide

Supports - M series Ø 45 mm

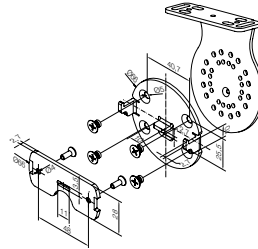
For tubular motors without emergency override mechanism



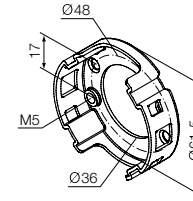
525.10094
Adjustable support with star seat, 10 mm



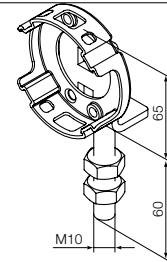
525.20096
Compact plastic support for self-tapping screws, centre distance 48 mm



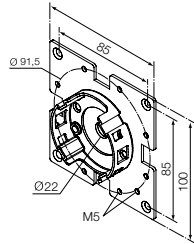
525.20098
Compact 90° support with 2x M6 holes, centre distance 44 mm



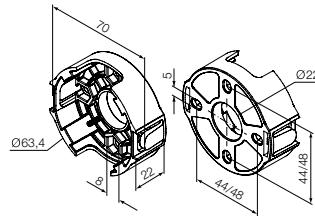
535.10010
Compact support, with 2 x M5 holes



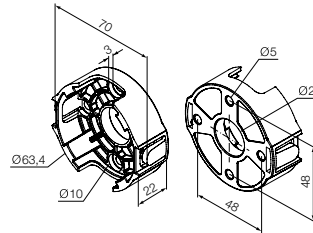
535.10011
Compact support, adjustable with M10 screw



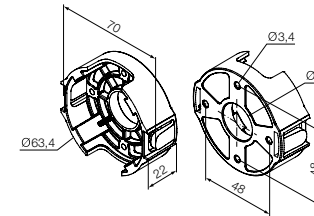
535.10012
Compact support, with 100x100 flange



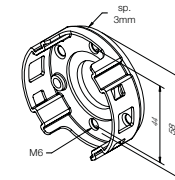
535.10013 max 30 Nm
Compact plastic support for recessed hexagonal bolts centre distance 44/48 mm



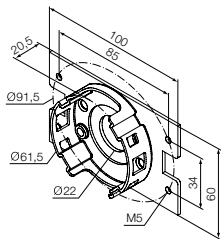
535.10014 max 30 Nm
Compact plastic support for recessed screws, centre distance 48 mm



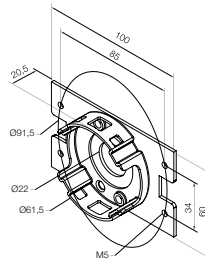
535.10015 max 30 Nm
Compact plastic support for self-tapping screws, centre distance 48 mm



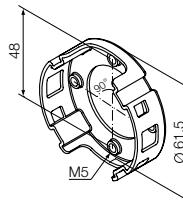
535.10016/A
Compact 90° support with 2x M6 holes, centre distance 44 mm



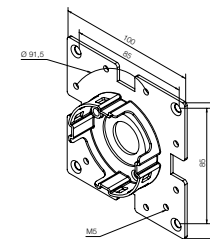
535.10017
Compact support, with 100x60 flange



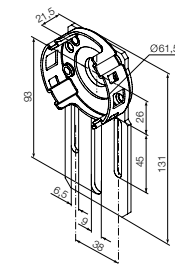
535.10017/A
Compact 90° support, with 100x60 flange



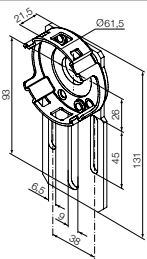
535.10022
Compact support, with 4 x M5 holes



535.10027
Compact 45° support, with 100x100 flange

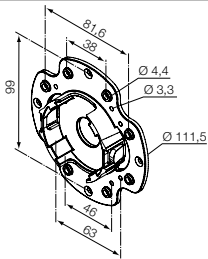


535.10037
Compact support, adjustable (standard)



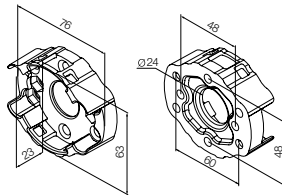
535.10037/A

Compact support, adjustable (turned to 90°)



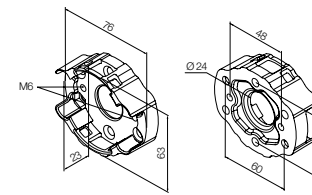
535.10043

Compact plastic support with flange for Zurflüh Feller side pieces



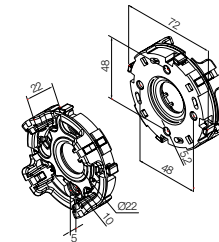
535.10091

Compact aluminium support with 2 holes, centre distance 48 and 60 mm



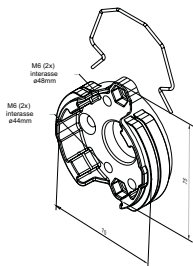
535.10092

Compact aluminium support with 2 holes, centre distance 48 (M6) and 60 mm



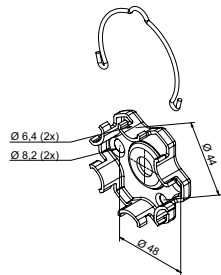
535.10093 max 30 Nm

Compact click-mount support



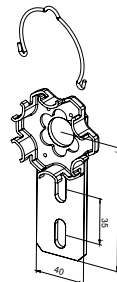
535.10095

Compact aluminium support with spring and 2 M6 holes ø44mm centre distance, 2 M6 holes ø 48mm centre distance, 2 hexagonal housings for M6 nuts.



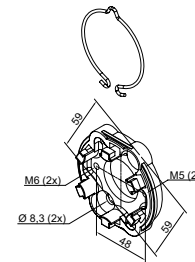
535.10096

Compact aluminium support with spring, for Era M SH.



535.10097

Aluminium support with spring, for Era M SH.



535.10099

Compact aluminium support with spring, for Era M SH. Holes 48 mm apart (M6) and 4 holes 60 mm apart (M8 and Ø 8.3)

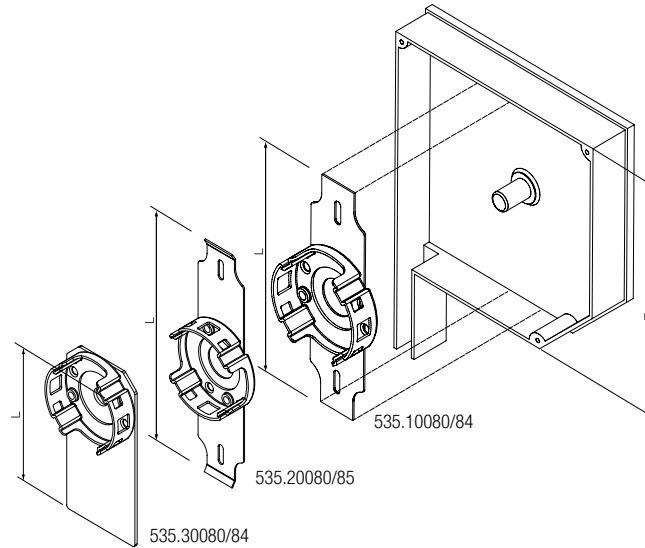
Supports - M series Ø 45 mm

Blade for box

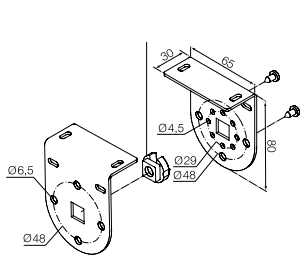
with pre-mounted compact support

Code	L size	T size	Max. torque
535.10080	125 mm	125 mm	15 Nm
535.10081	132 mm	137 mm	15 Nm
535.10082	145 mm	150 mm	15 Nm
535.10083	160 mm	165 mm	15 Nm
535.10084	175 mm	180 mm	30 Nm
535.10085	200 mm	205 mm	30 Nm
535.10086	179 mm	180 mm	30 Nm
535.20080	119.3 mm	125 mm	15 Nm
535.20081	131.3 mm	137 mm	15 Nm
535.20082	144.3 mm	150 mm	15 Nm
535.20083	159.3 mm	165 mm	15 Nm
535.20084	174.3 mm	180 mm	30 Nm
535.20085	199.3 mm	205 mm	30 Nm
535.30080	64 mm	137 mm	15 Nm
535.30081	70.6 mm	150 mm	15 Nm
535.30082	78 mm	165 mm	15 Nm
535.30083	85 mm	180 mm	30 Nm
535.30084	98 mm	205 mm	30 Nm

Application example

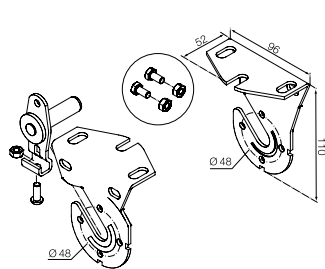


Kits for roller blinds



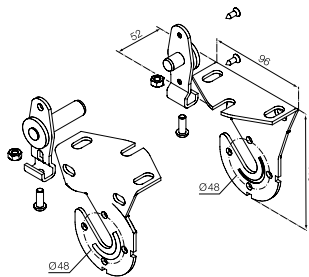
525.10070 max 30 Nm

White support kit.
For Ø 35/45 mm motors
(for use with 575.12050)



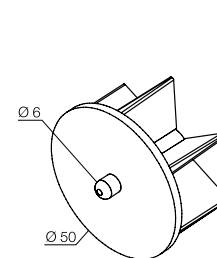
525.10071 max 30 Nm

White support kit with quick connectors
on one side. For motors Ø 45 mm
(for use with 575.12150 or 575.12178)



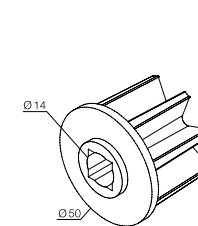
525.10072 max 40 Nm

White support kit with quick connectors
on two sides. For motors Ø 45 mm
(for use with 575.12150 or 575.12178)



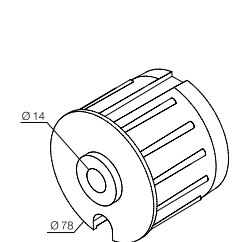
575.12050

Cap with pin for Ø 50 mm
roller.



575.12150

Cap without pin for Ø 50 mm
roller



575.12178

Cap without pin for Ø 78 mm
roller

Acmeda

525.40005

White support kit for Acmeda S60|80 rollers.

The kit comprises:

Code	Description
575.13060	Cap with retractable pin for Acmeda S60 80 rollers
575.12360	White cap kit for Acmeda S60 80 roller
525.10096	White bracket kit, cap side, for Acmeda S60 80 rollers
525.10097	White bracket kit, motor side, for Acmeda S60 80 rollers
525.20097	White support kit with flange. For Ø 45 mm motors
525.30096	White cover kit for brackets for Acmeda S60 80 rollers

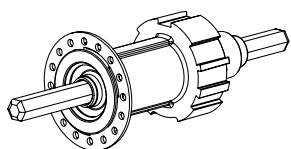
Acmeda

525.40006

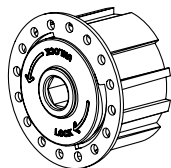
Intermediate white support kit for Acmeda S60|80 rollers.

The kit comprises:

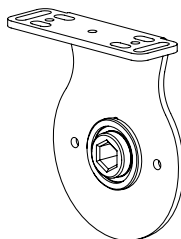
Code	Description
575.16060	Intermediate white cap (male) for Acmeda S45 rollers
575.17060	Intermediate white cap (female) for Acmeda S45 rollers
575.18060	Intermediate white support for Acmeda S45 rollers



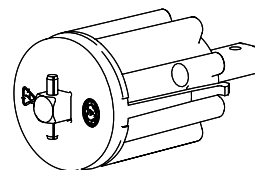
575.16060



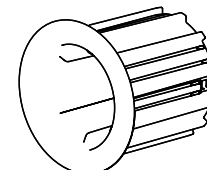
575.17060



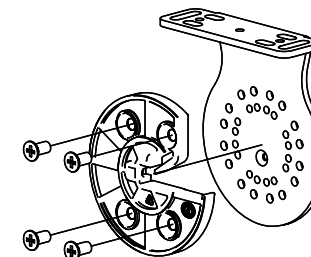
575.18060



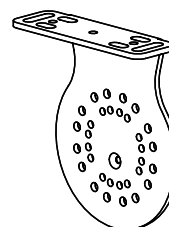
575.13060



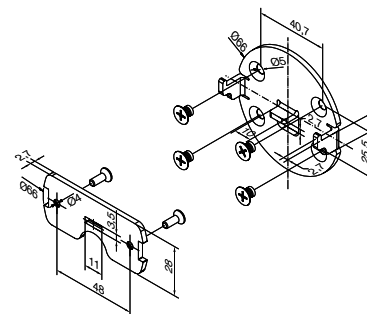
575.12360



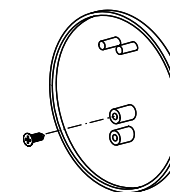
525.10096



525.10097

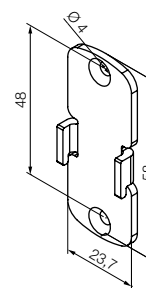


525.20097



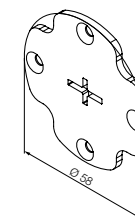
525.30096

Rollease



525.30000

White universal adapter compatible with Skyline series Rollease supports (48 mm centre distance).



525.30001

White universal adapter compatible with R16 series Rollease supports (48 mm centre distance).

Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

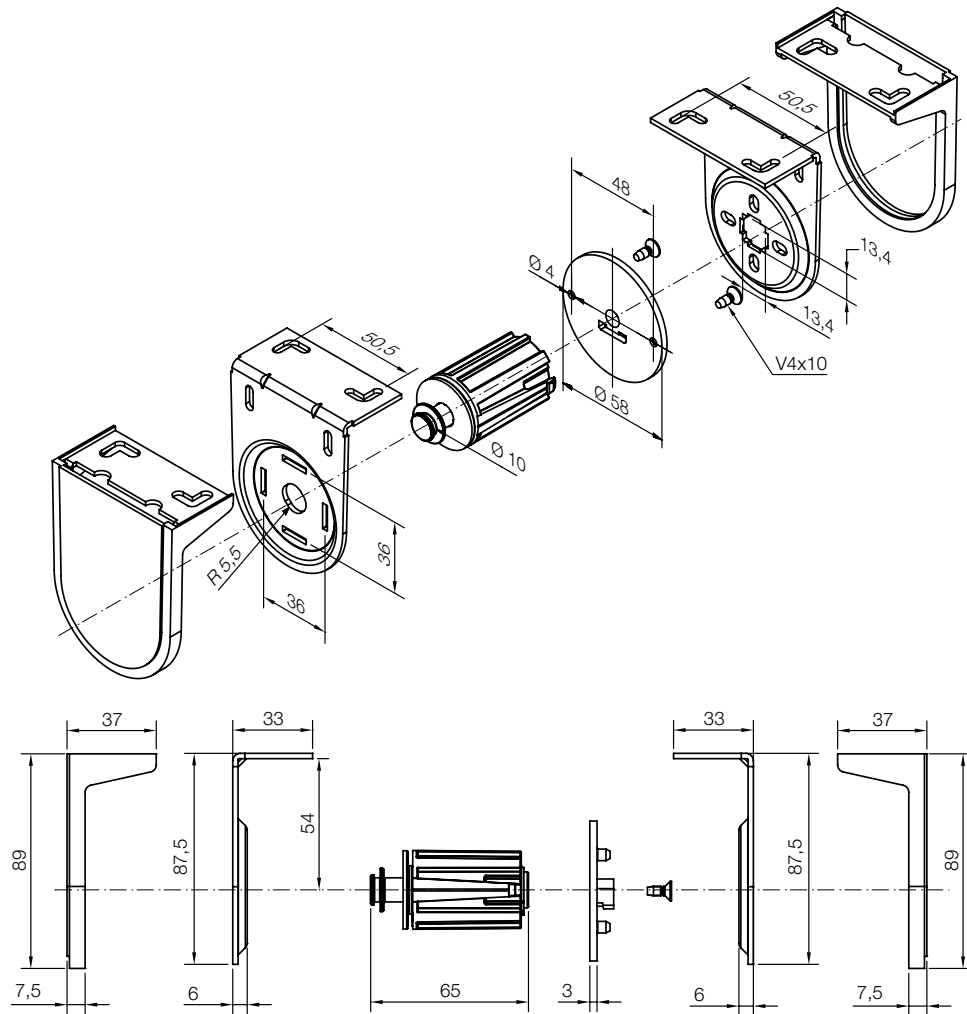
For bioclimatic pergolas

Adapters and supports

Installation guide

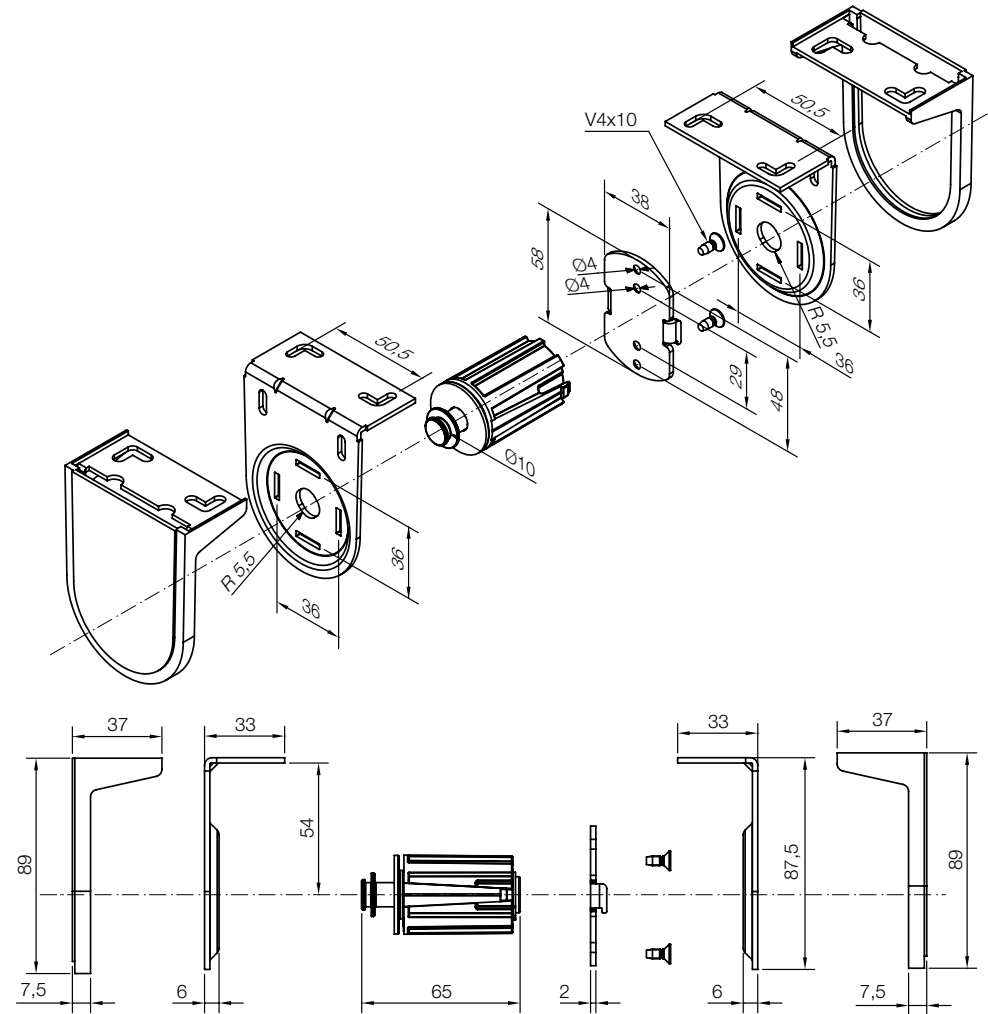
Supports - M series Ø 45 mm

Support kit



525.40002

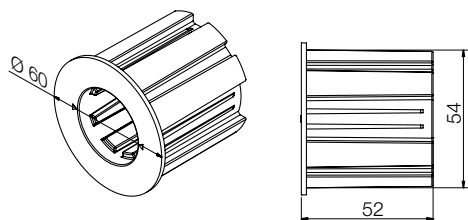
White support kit, centre distance 55 mm, for Ø 45 mm motors, max 3 Nm.
Must be used together with cap kit 575.26000, 575.26300.



525.40003

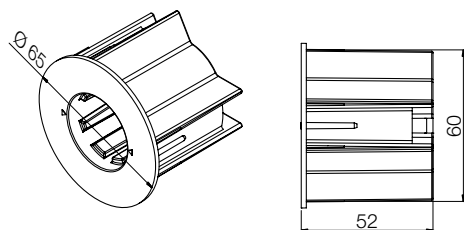
White support kit, centre distance 55 mm, for Ø 35/45 mm motors, max 10 Nm.
Must be used together with cap kit 575.24801, 575.26000, 575.25000, 575.26300.

Cap kit



575.26000

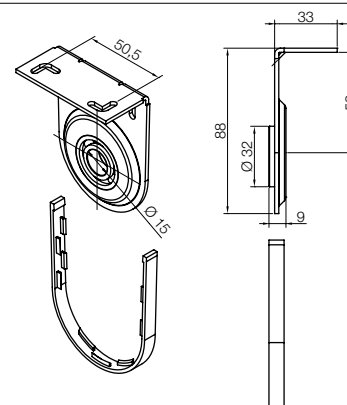
White cap kit for \varnothing 60 mm Acmeda roller, for \varnothing 35/45 mm motors.
Must be combined with the white support kit, centre distance 55 mm, for \varnothing 35 mm motors, 525.40002 or 525.40003.



575.26300

White cap kit for 2.5'' Rollease roller, for \varnothing 35/45 mm motors.
Must be combined with the white support kit, centre distance 55 mm, for \varnothing 35 mm and 45 mm motors 525.40002 or 525.40003.

Intermediate supports

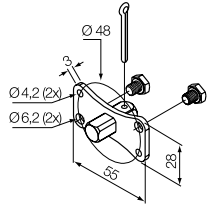


525.40004

Intermediate white support, centre distance 55 mm, for \varnothing 35/45 mm motors.

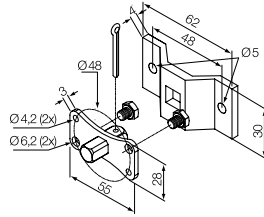
Supports - MH series Ø 45 mm

For tubular motors with emergency override mechanism



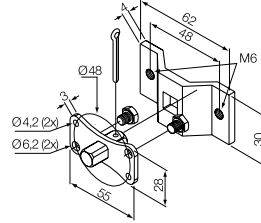
525.10016 max 30 Nm

10 mm square pin



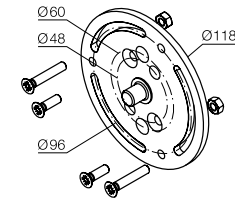
525.10017 max 30 Nm

10 mm square pin + bracket



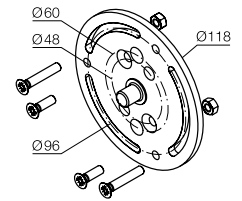
525.10017/M6 max 30 Nm

10 mm square pin + bracket with M6 holes



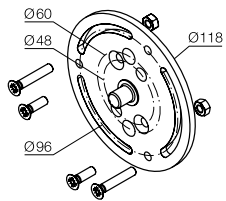
525.10019

Support for awnings, satin-finish (recommended for use with art. 525.10050)



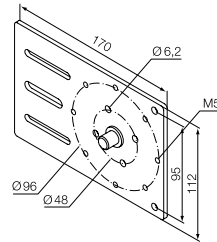
525.10019/20

Support for awnings and blinds, white lacquer finish (recommended for use with art. 525.10050)



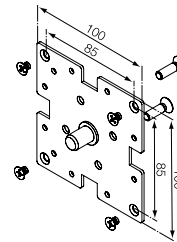
525.10019/80

Support for awnings and blinds, black lacquer finish (recommended for use with art. 525.10050)



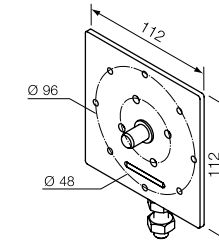
525.10021

Adjustable support



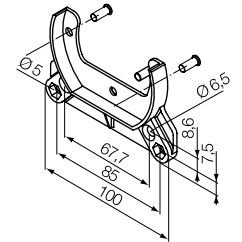
525.10044

Support 100x100



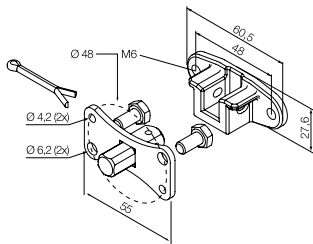
525.10047

Adjustable support Ø 10 mm



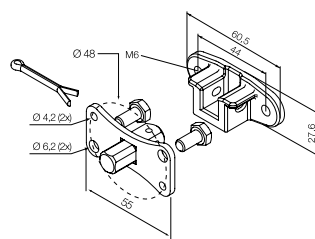
525.10050

Box side support



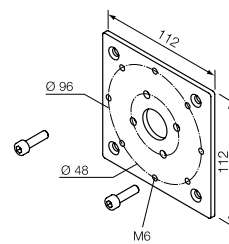
525.10058 max 30 Nm

10 mm square pin + saddle bracket, with M6 holes centre distance 48 mm



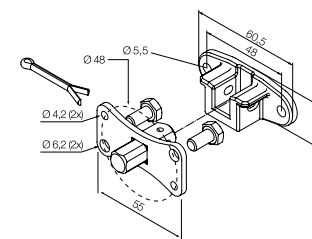
525.10059 max 30 Nm

10 mm square pin + saddle bracket, with M6 holes centre distance 44 mm



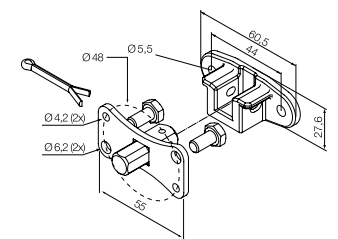
525.10060

112x112 support



525.10063 max 30 Nm

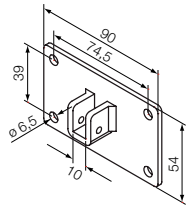
10 mm square pin + bracket, with holes centre distance 48 mm



525.10064 max 30 Nm

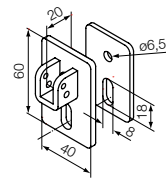
10 mm square pin + bracket, with holes centre distance 44 mm

For tubular motors with emergency override mechanism



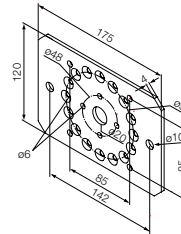
525.10074 max 30 Nm

90x54 flange with saddle bracket for 10 mm pin.



525.10087 max 30 Nm

Support kit with saddle bracket for 10 mm square pin.

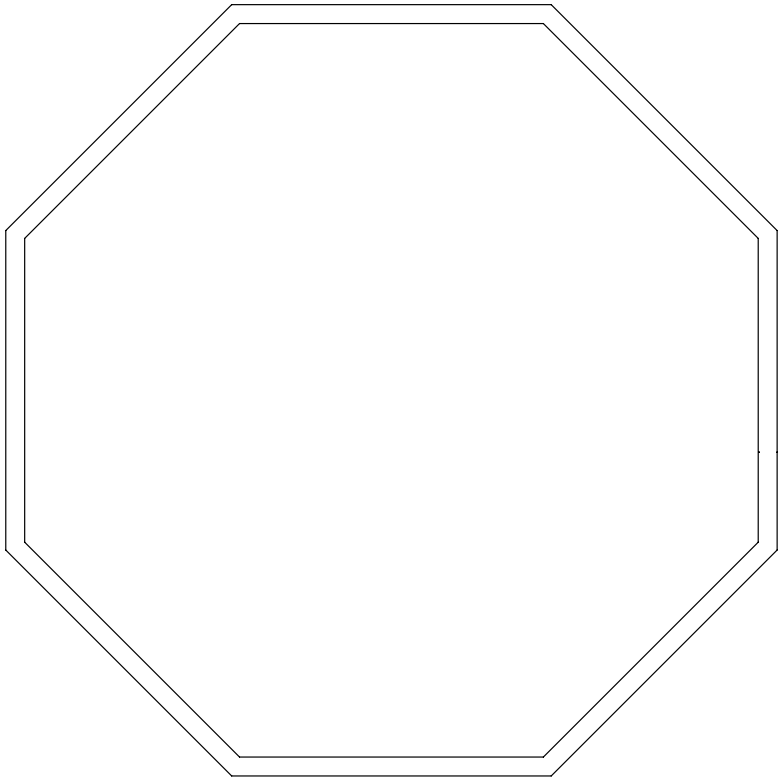


525.10089

175x120 support for sides

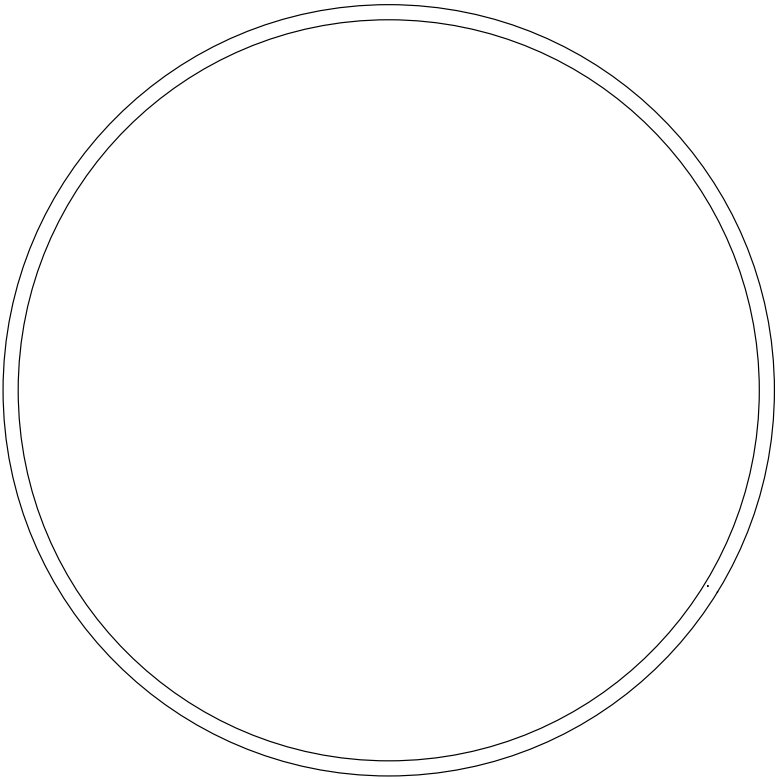
Adapters - L series Ø 58 mm

To facilitate the choice of adapter compatible with the type of roller in the system, Nice provides the sections of the rollers in 1:1 scale and indicates the corresponding adapter code for each.



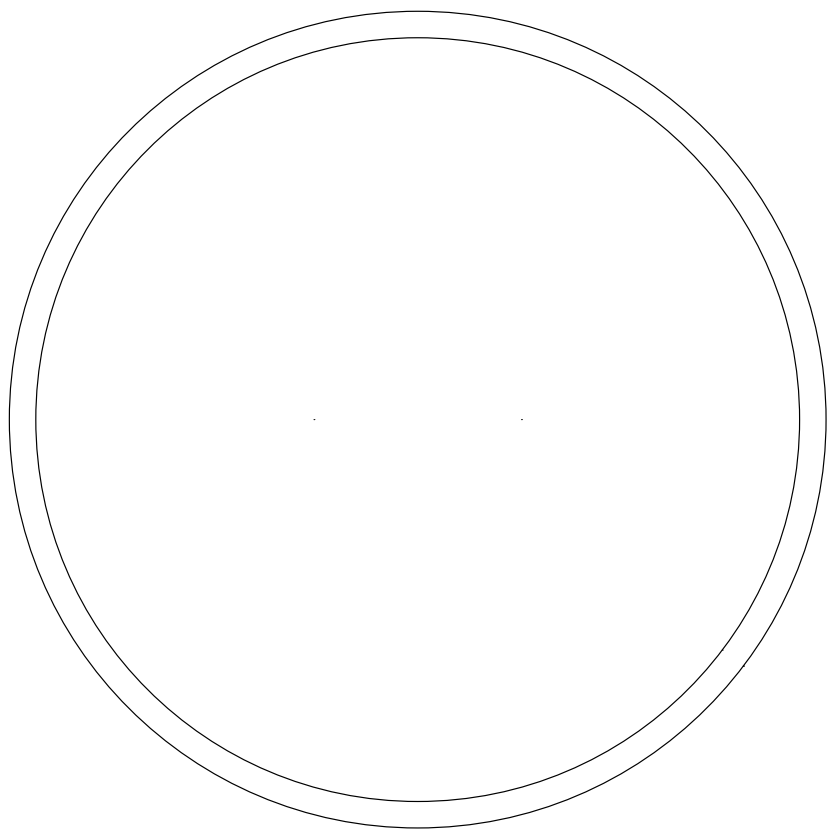
516.01020

Octagonal 102x2.5
wheel + crown



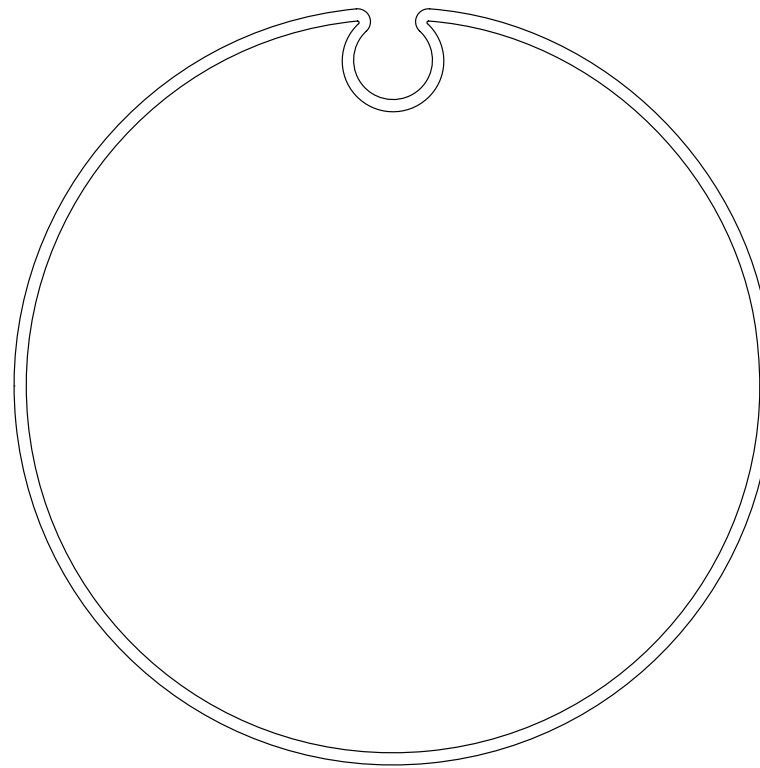
516.01021

Round 102x(1.5-2)
wheel + crown



516.01022

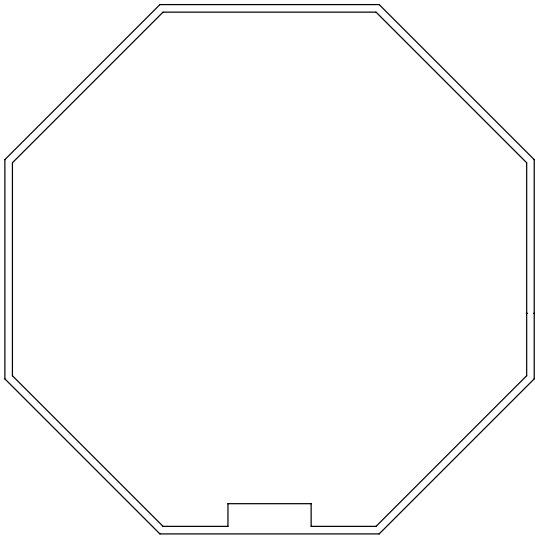
Round 108x3.5
wheel + crown



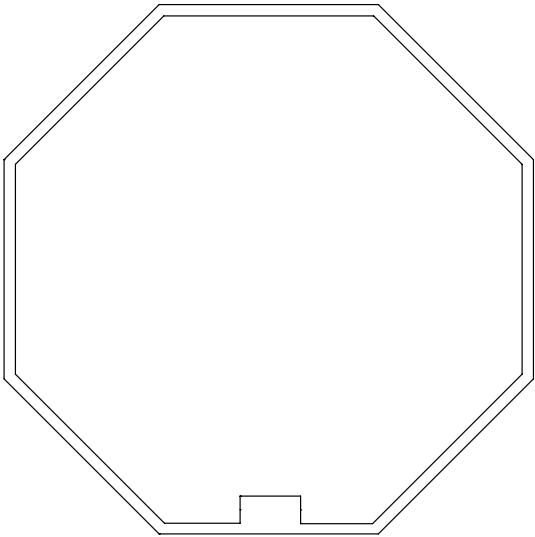
516.01023

Notch 100x1.5
wheel + crown

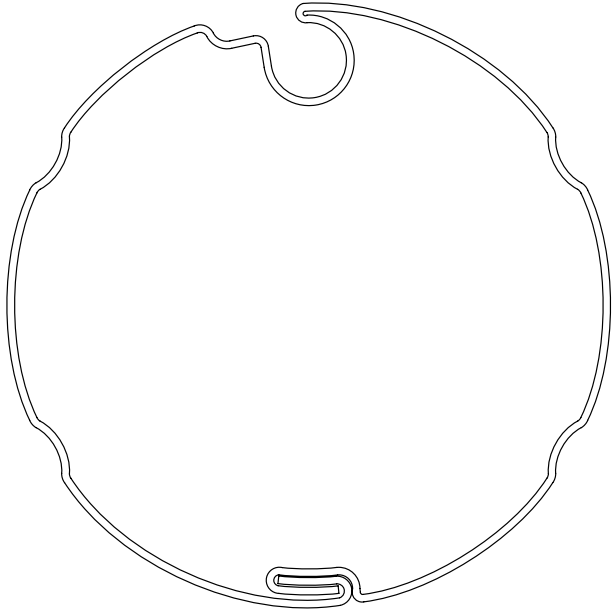
Adapters - L series Ø 58 mm



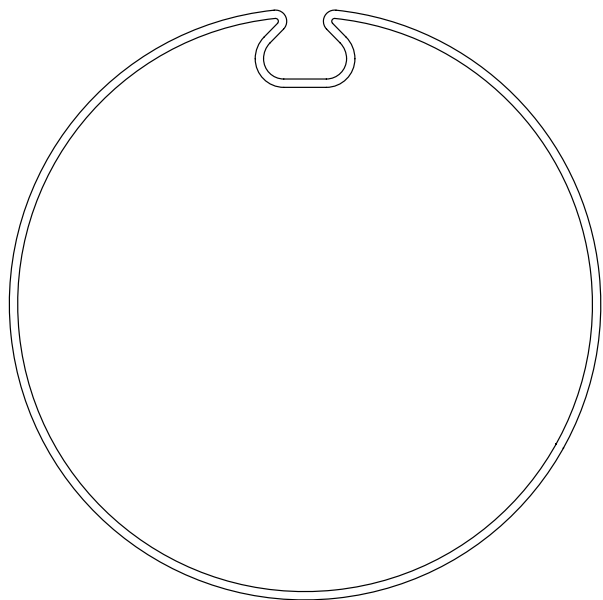
516.07000
Octagonal 70x1
wheel + crown



516.07015
Octagonal 70x1.5
wheel + crown

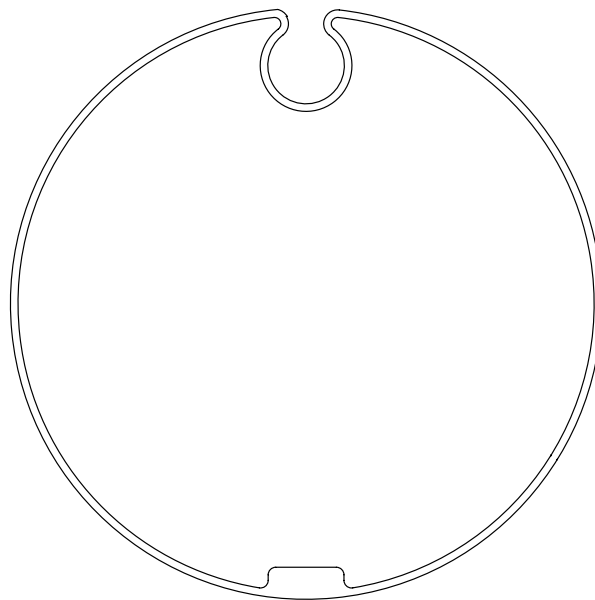


516.17300
Inclined notch 80x1
wheel + crown



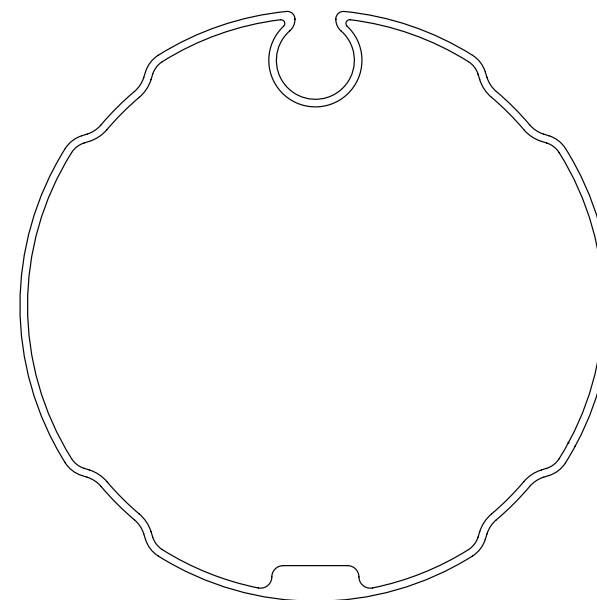
516.17800

Flat notch 78x(0.8-1.1)
wheel + crown

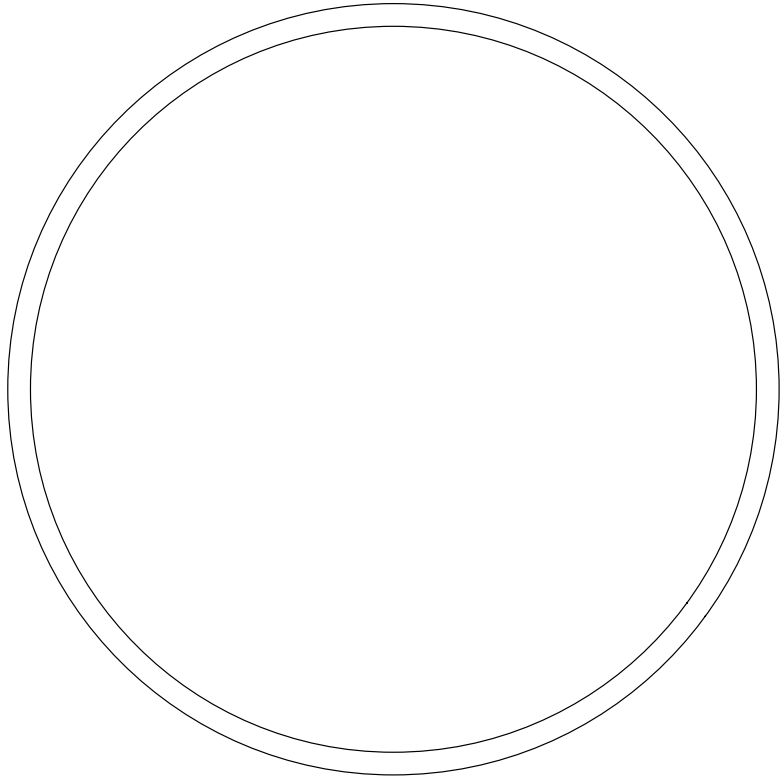


516.17802

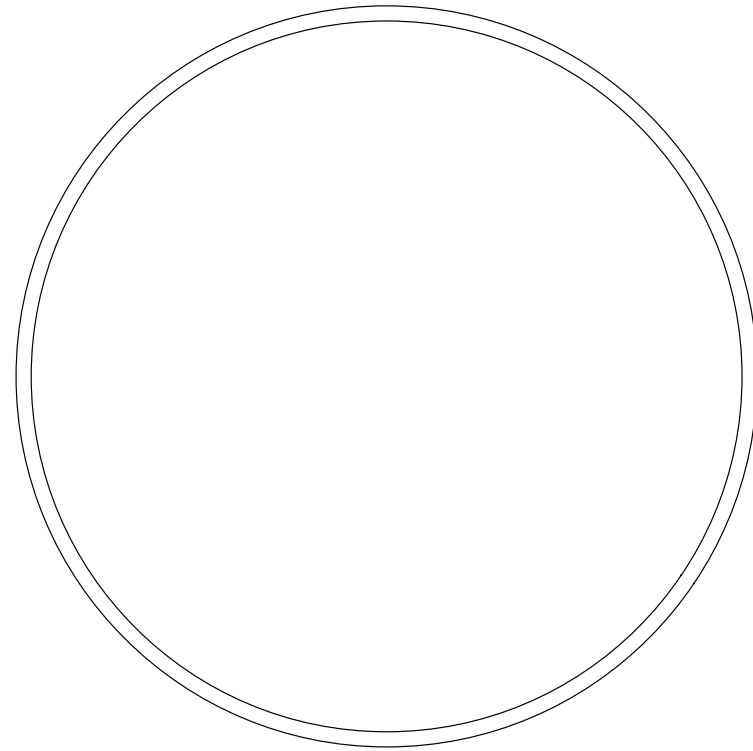
Notch 78x1
wheel + crown



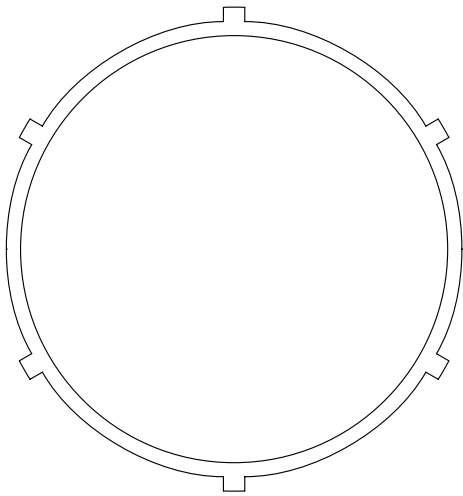
Adapters - L series Ø 58 mm



516.21020
Round 102x3
wheel + crown

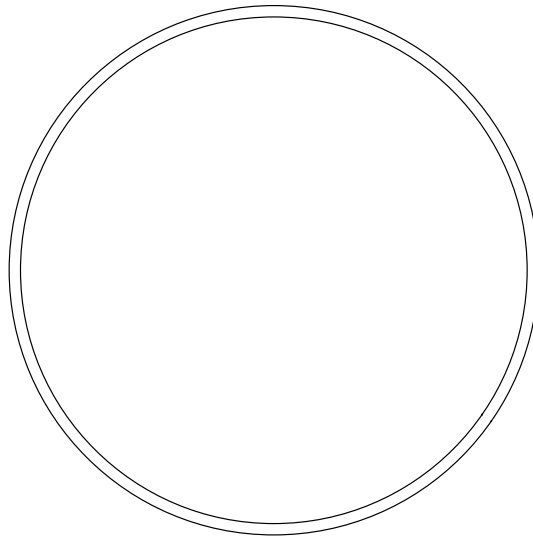


516.21021
Round 98x2
|wheel + crown



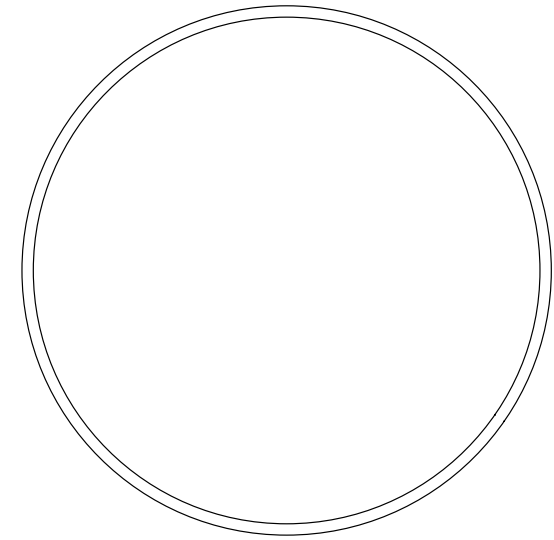
516.26400

Round 64x2
wheel



516.27000

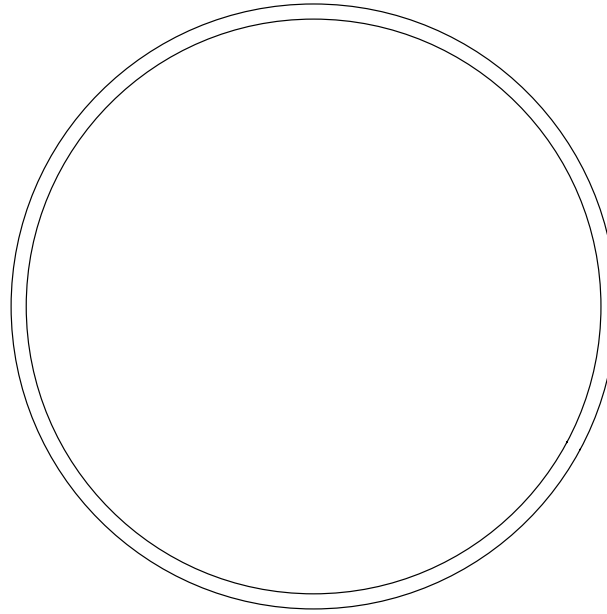
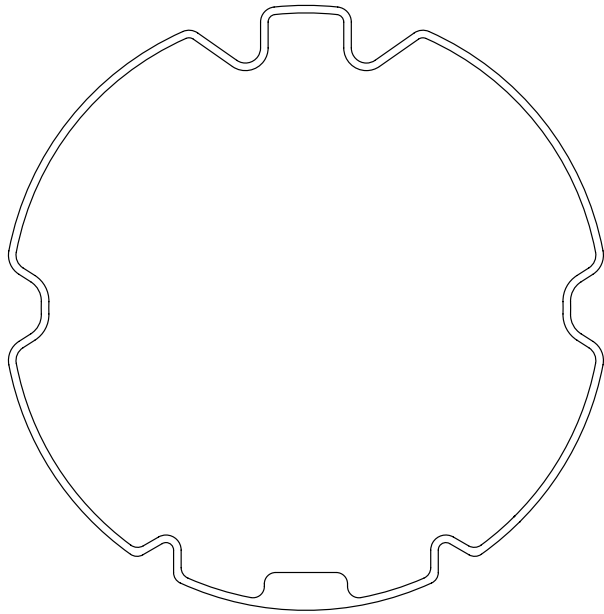
Round 70x1.5
wheel + crown



516.27001

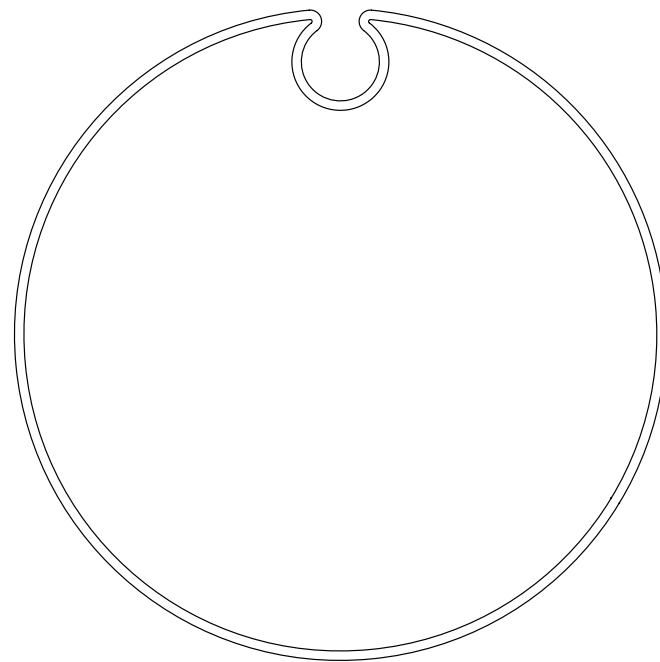
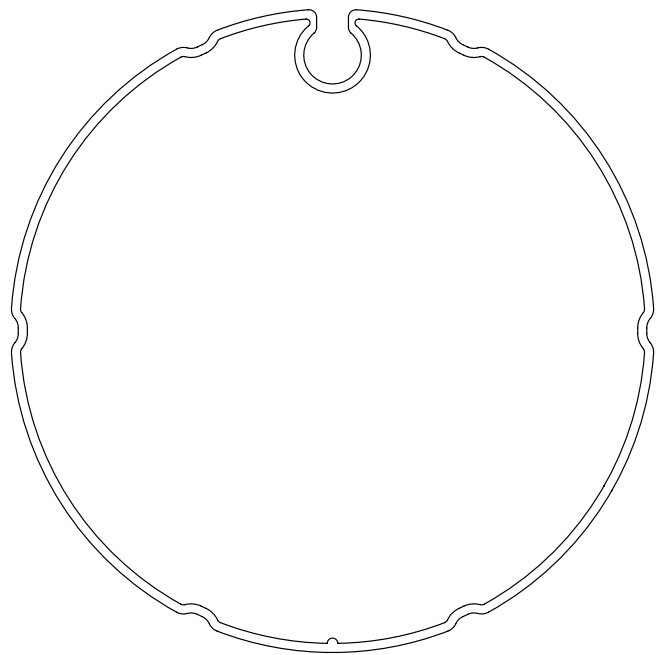
Round 70x1.5
wheel + crown

Adapters - L series Ø 58 mm



516.28000

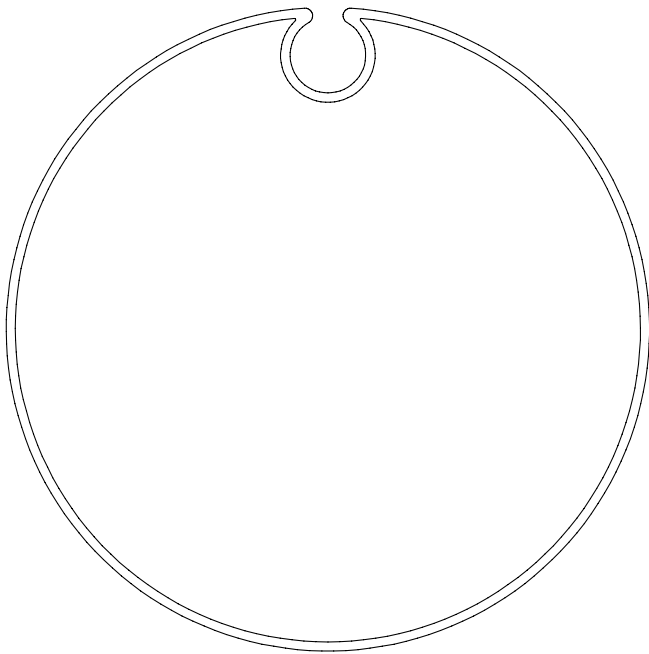
ZF80
wheel + crown



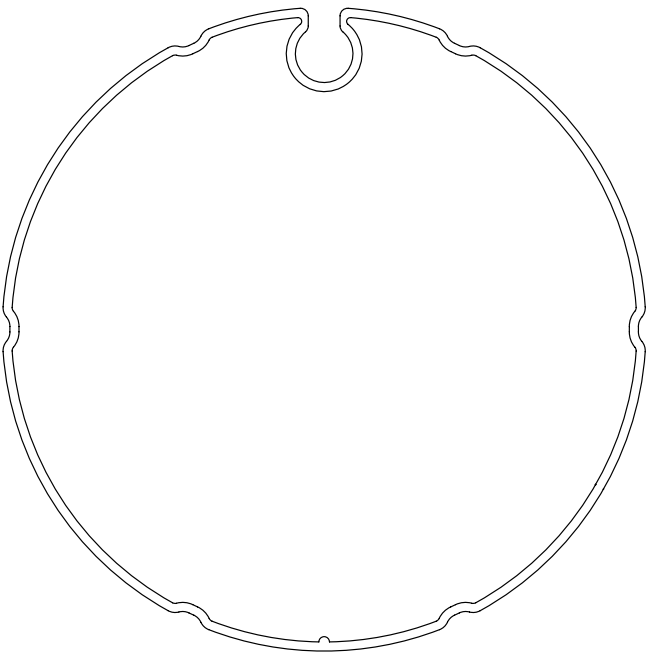
516.28500

Notch 85x(1.2-1.5)
wheel + crown

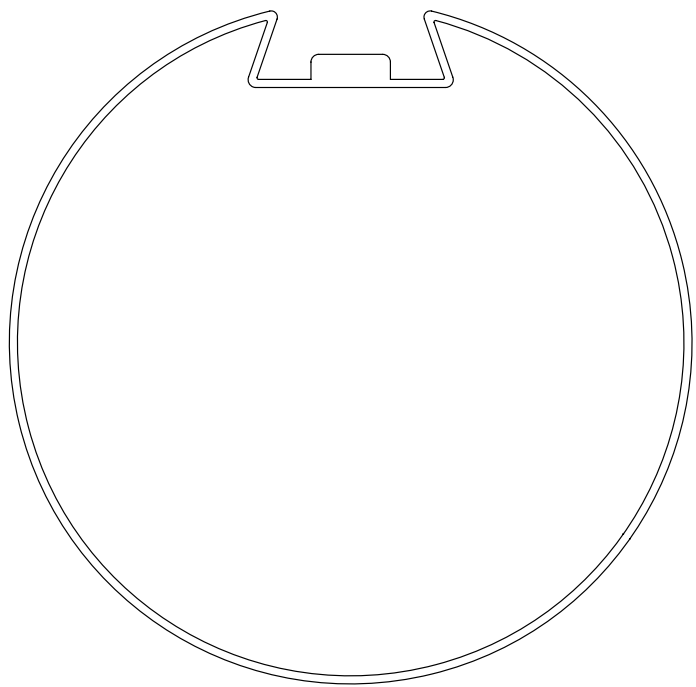
Adapters - L series Ø 58 mm



516.28501
Notch 85x1
wheel + crown



516.28502
Notch 85x(1.2-1.5)
wheel + crown

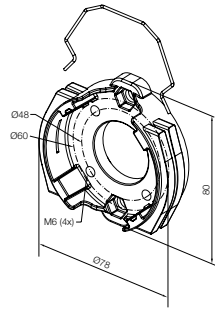


516.28900

Round 89x1 (Deprat)
wheel + crown

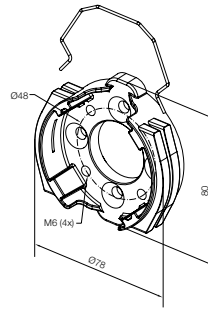
Supports - L series Ø 58 mm

For tubular motors without emergency override mechanism



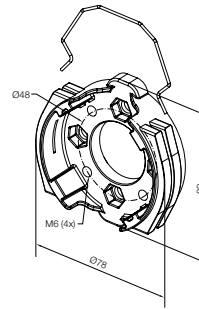
526.10001

Aluminium support with 4 x M6 holes and 2 hexagonal seats for M6 nuts. For 120 Nm torque use: 4 x M6 screws on Ø48, 2 x M6 screws on Ø60 hexagons (use class 8.8 screws and nuts).



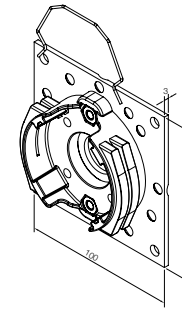
526.10002

Aluminium support with 4 x M6 holes and 4 seats for M6 countersunk screws. For 120 Nm torque use: 4 x M6 screws on Ø48, 4 countersunk screws on Ø48 (class 8.8 screws).



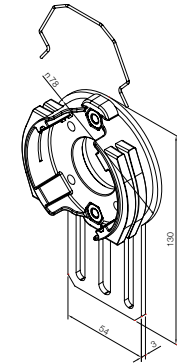
526.10003

Aluminium support with 4 x M6 holes and 4 hexagonal seats for M6 nuts. For 120 Nm torque use: 4 x M6 screws on Ø48, 4 x M6 screws on Ø48 hexagons (use class 8.8 screws and nuts).



526.10029

Universal support.

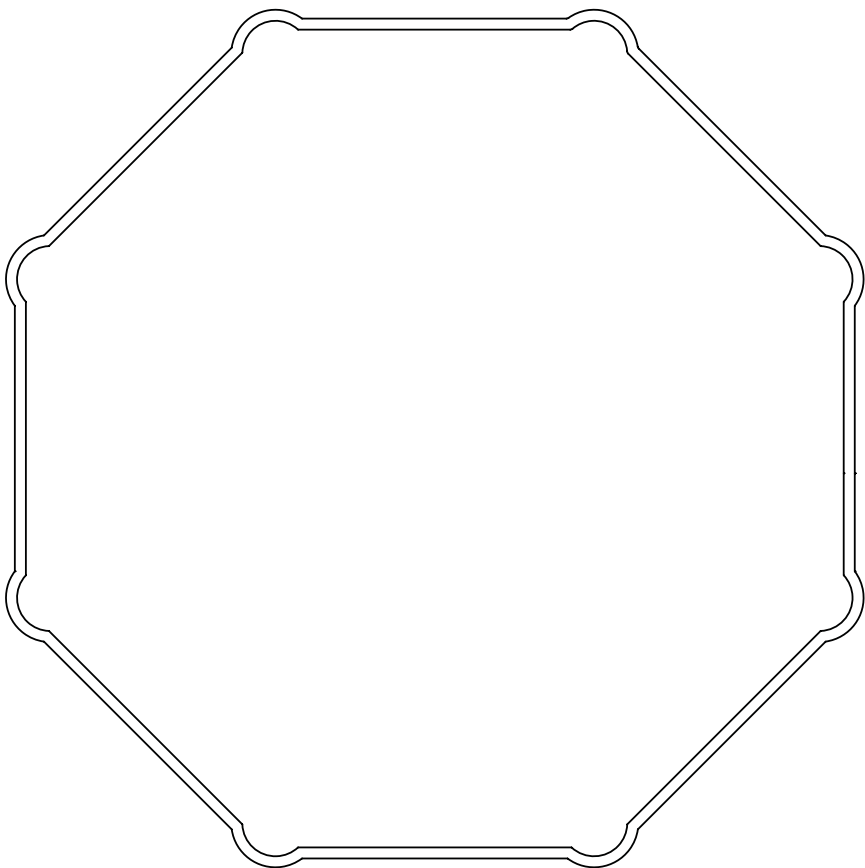


526.10037

Adjustable standard support.

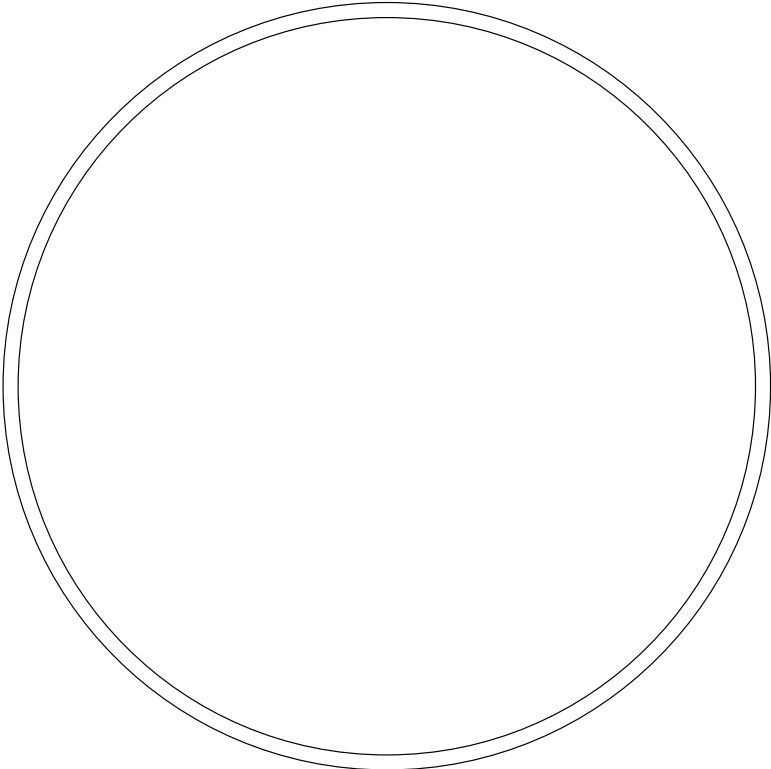
Adapters - XL series Ø 90 mm

To facilitate the choice of adapter compatible with the type of roller in the system, Nice provides the sections of the rollers in 1:1 scale and indicates the corresponding adapter code for each.



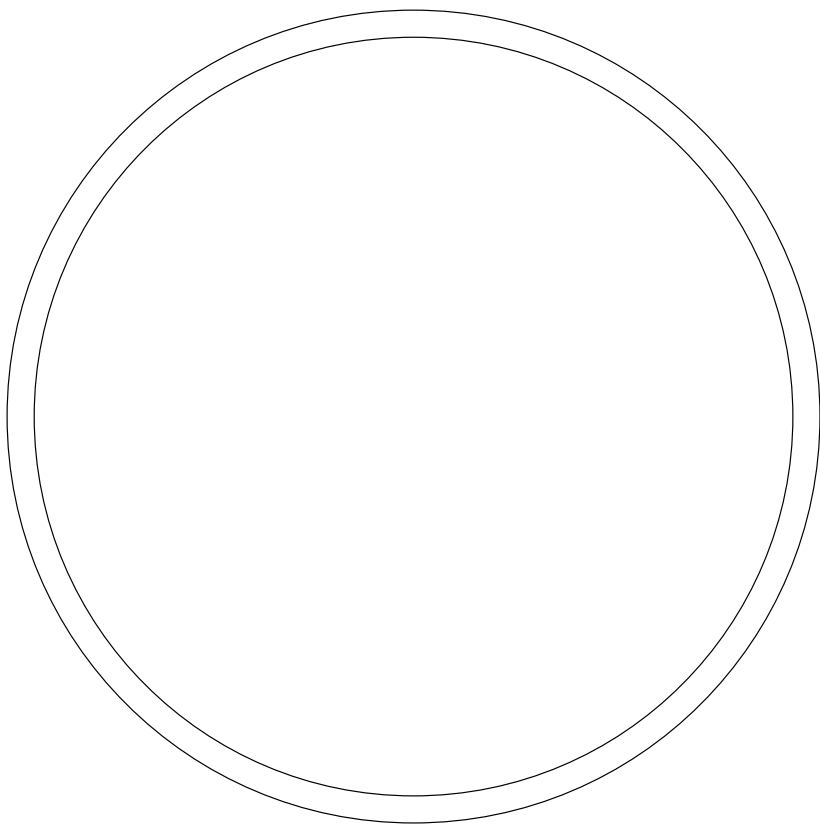
517.01140

Octagonal 114 mm Heroal
wheel + crown



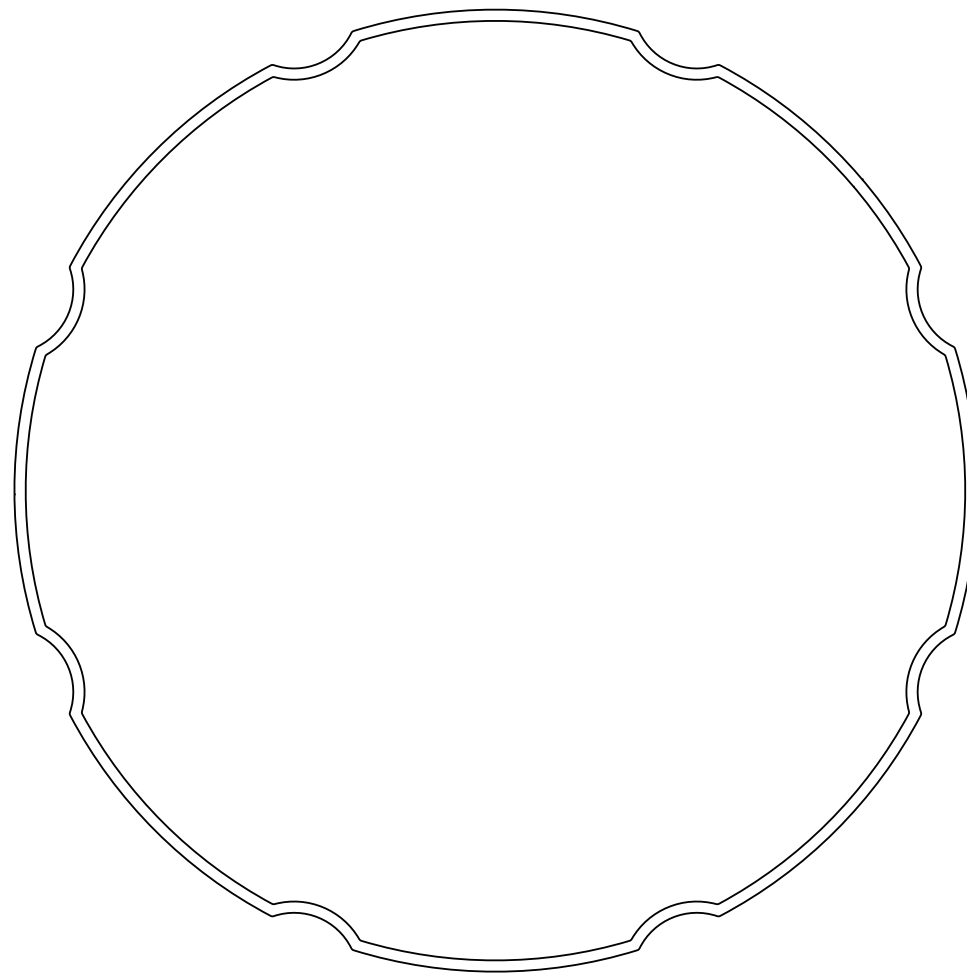
517.21020

Round 102x2 mm with M8
threaded holes wheel + crown



517.21080

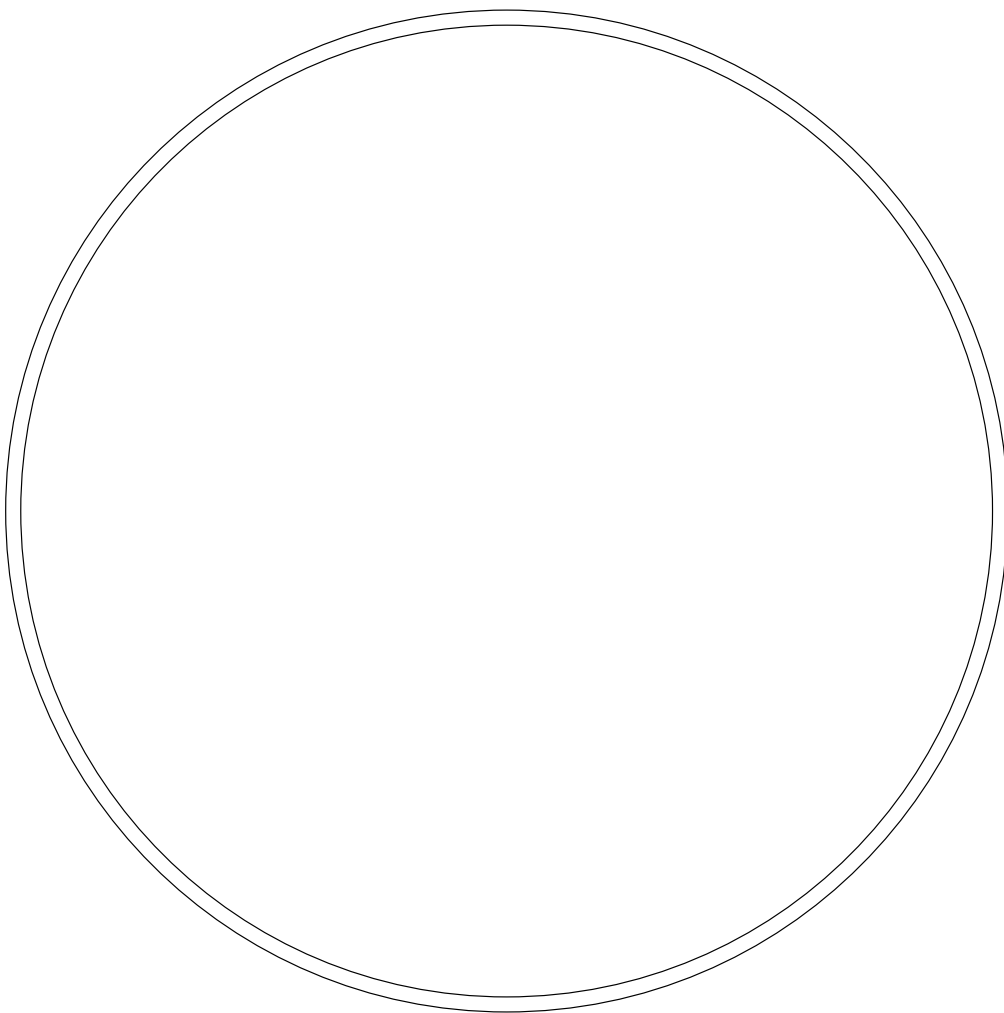
Round adapter 108x3.6 mm
without threaded holes
wheel + crown



517.21200

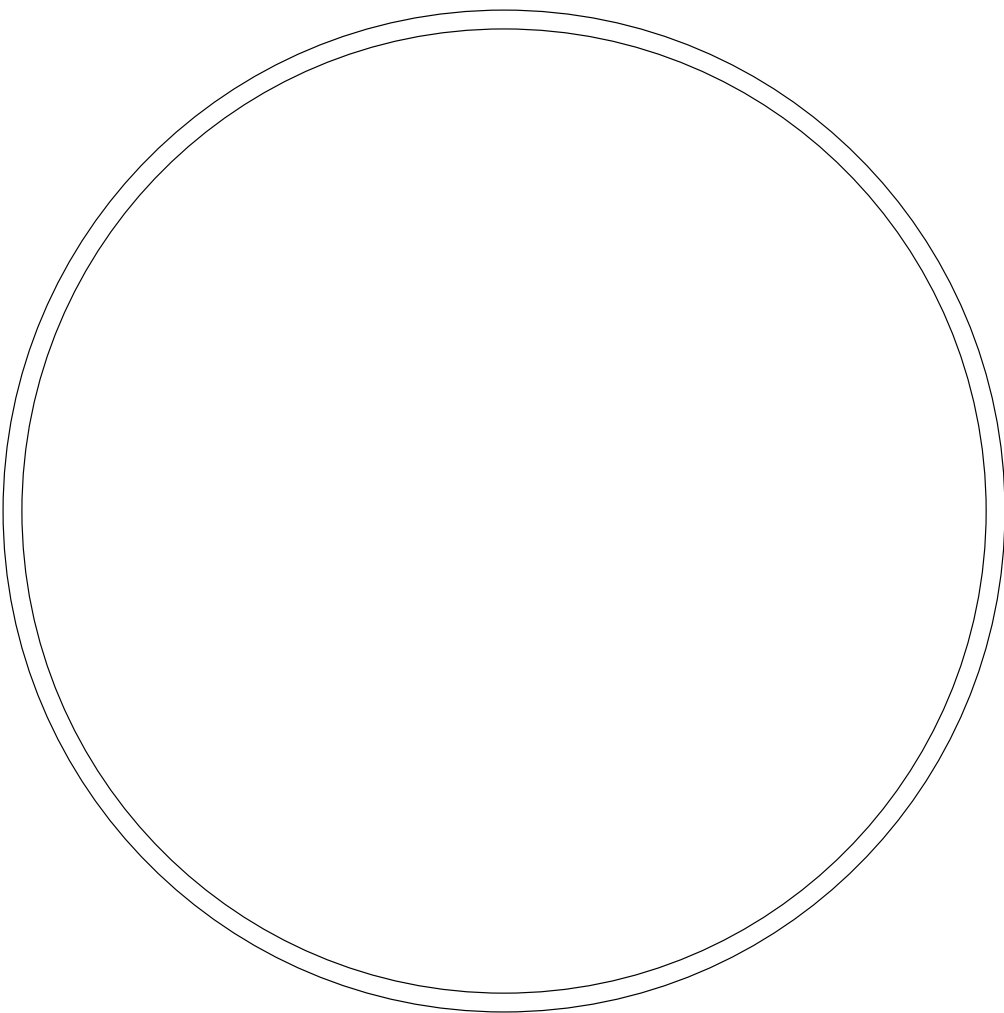
Round 120 mm Alukon with M8
threaded holes wheel + crown

Adapters - XL series Ø 90 mm



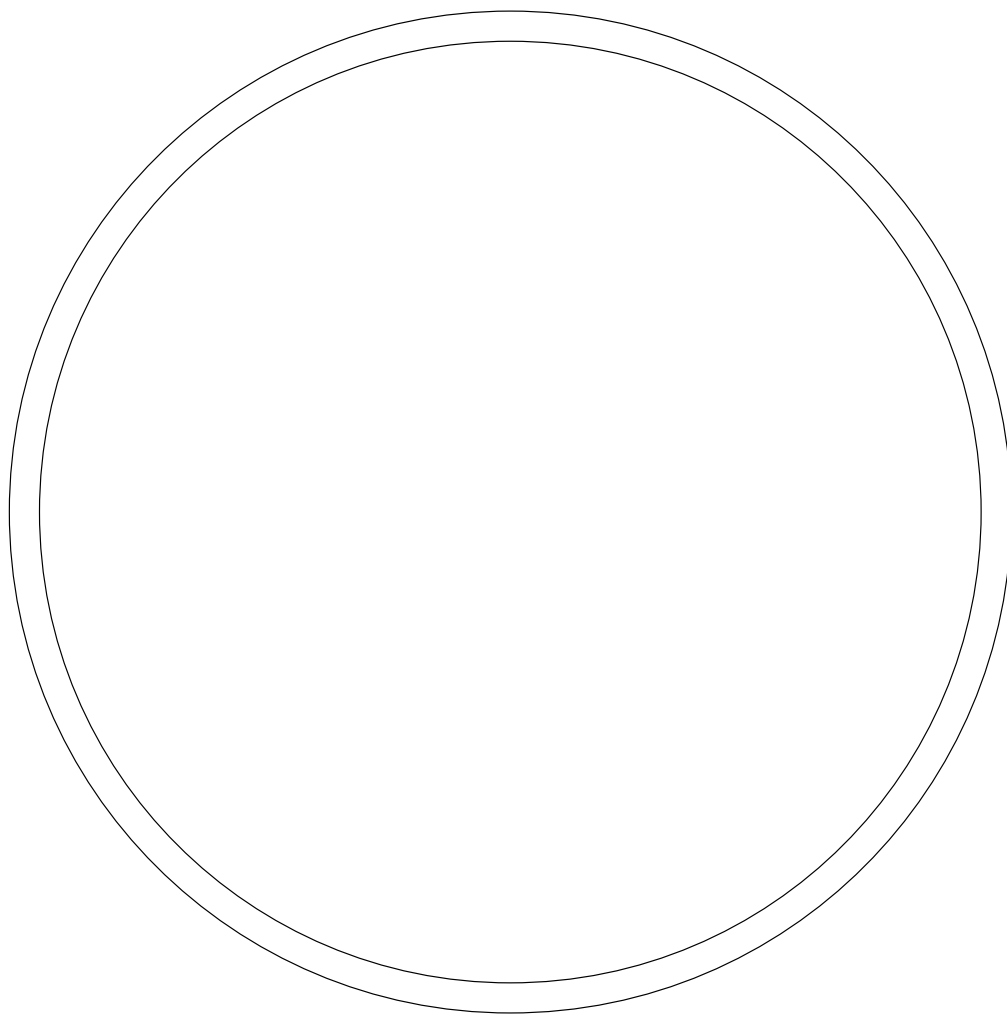
517.21331

Round 133x2 mm
with M8 threaded holes
wheel + crown



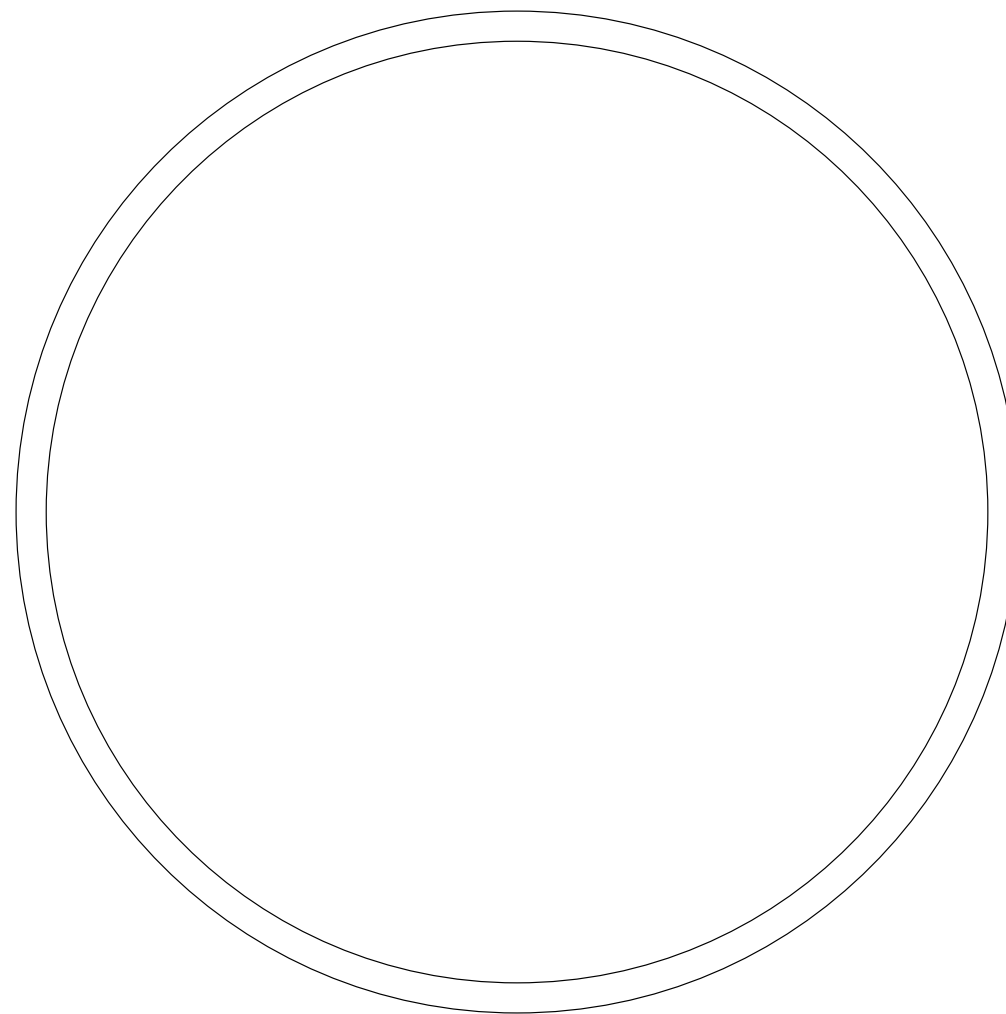
517.21332

Round 133x2,5 mm
with M8 threaded holes
wheel + crown



517.21333

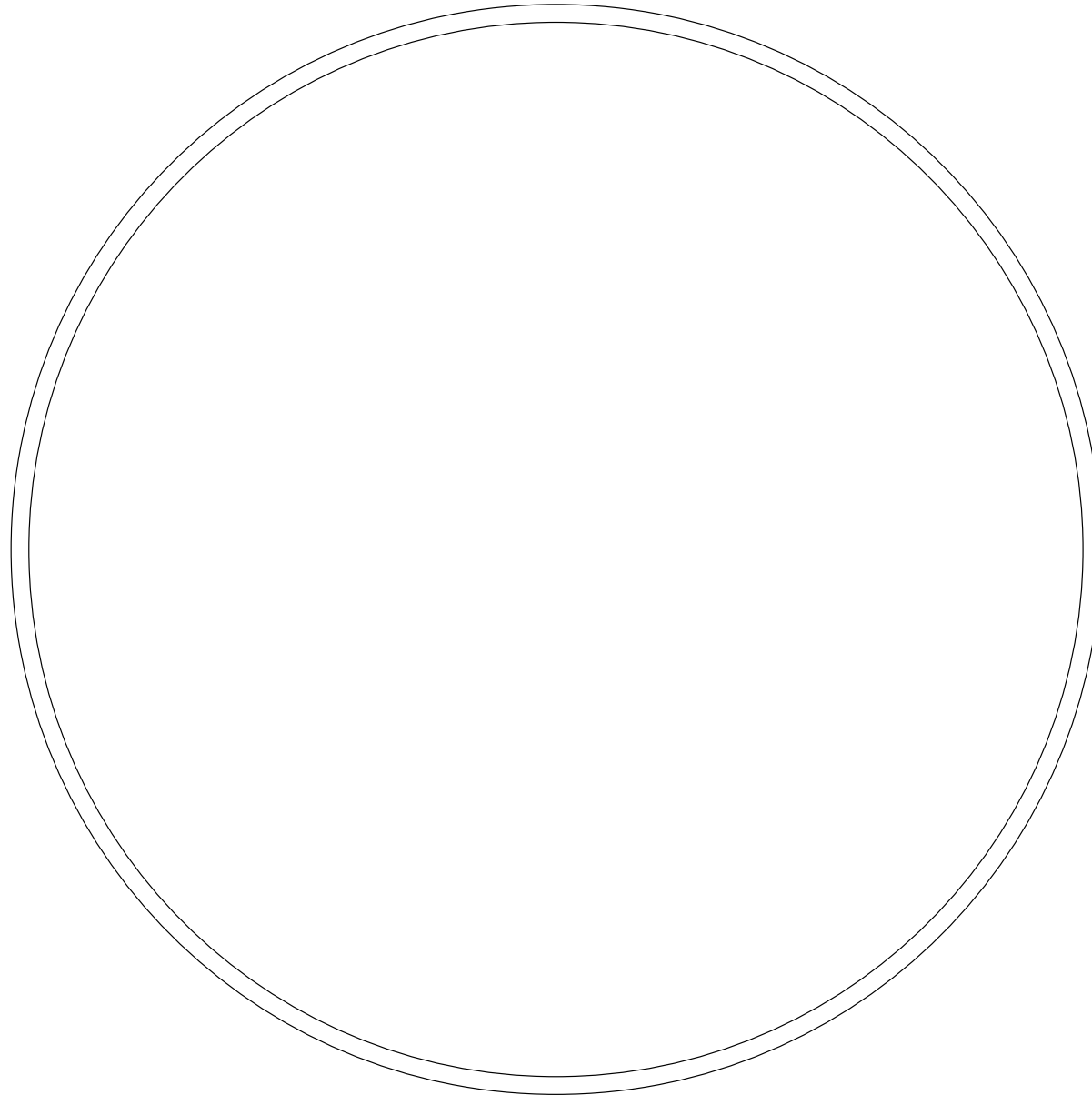
Round 133x4 mm
with M8 threaded holes
wheel + crown



517.21334

Round 133x4 mm
without threaded holes
wheel + crown

Adapters - XL series Ø 90 mm

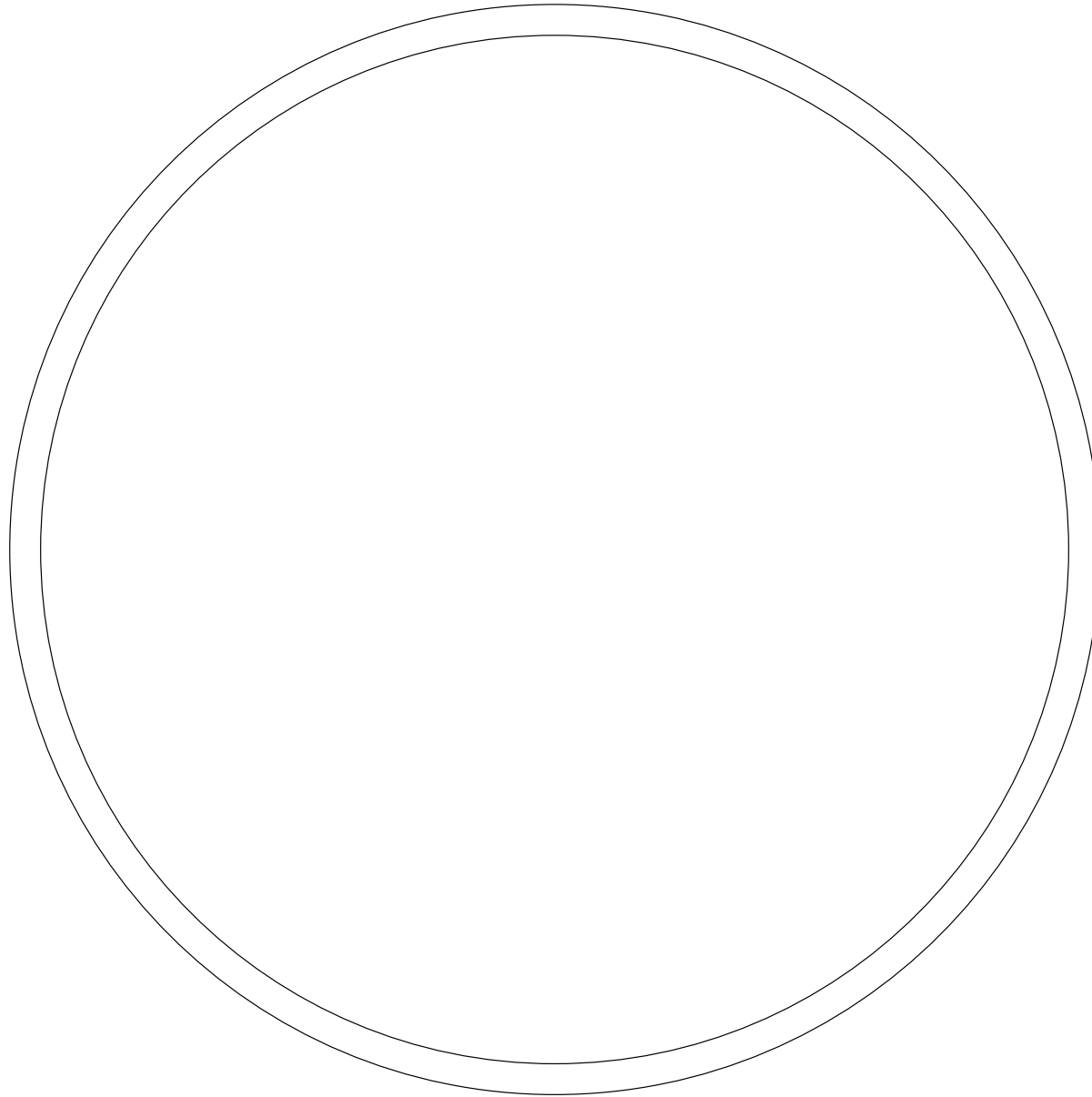


517.21591

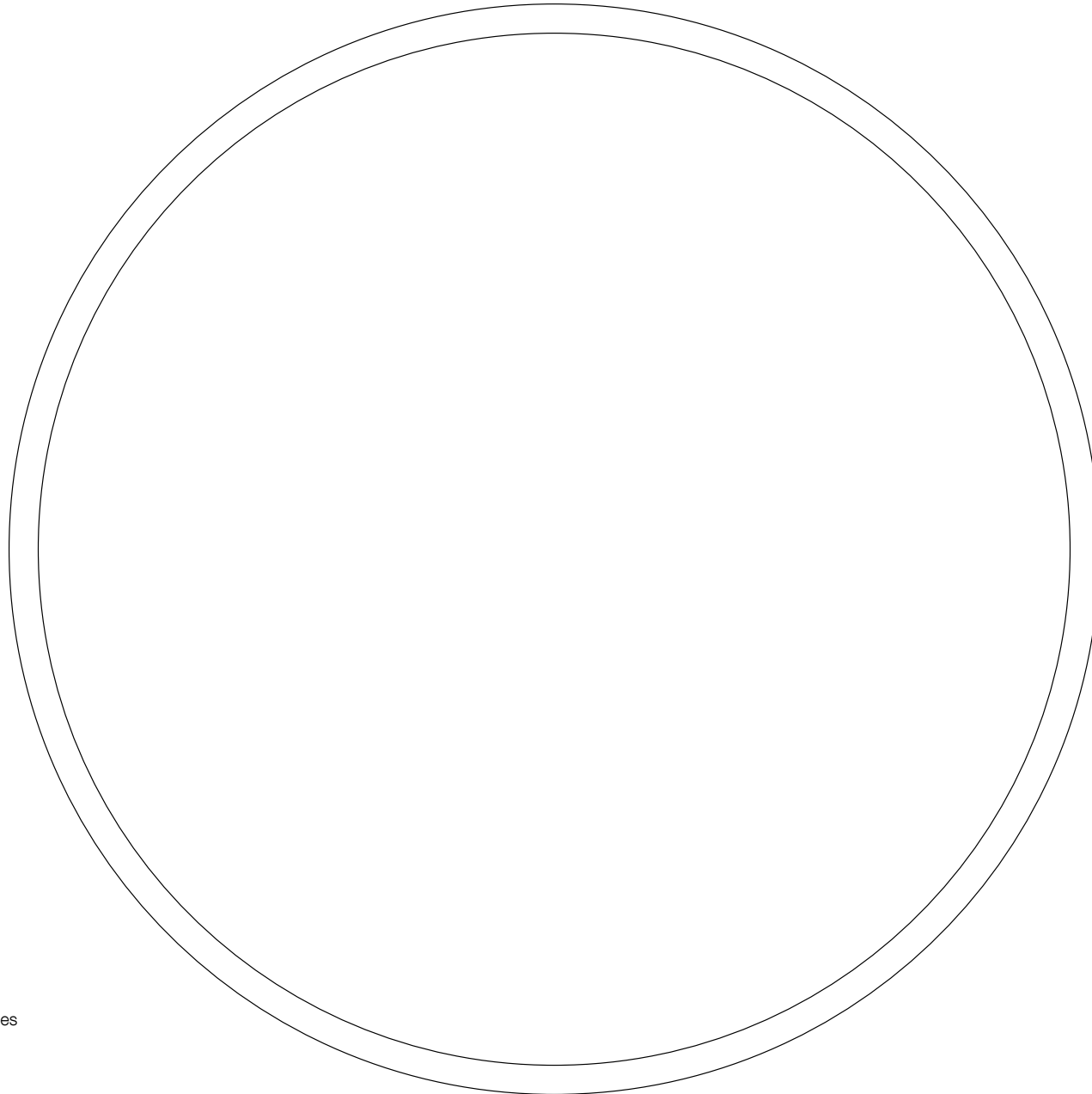
Round 159x2.6 mm with M8 threaded holes
wheel + 2 crowns snap-mounted together

517.21592

Round 159x4.5 mm with M8 threaded holes
wheel + 2 crowns snap-mounted together

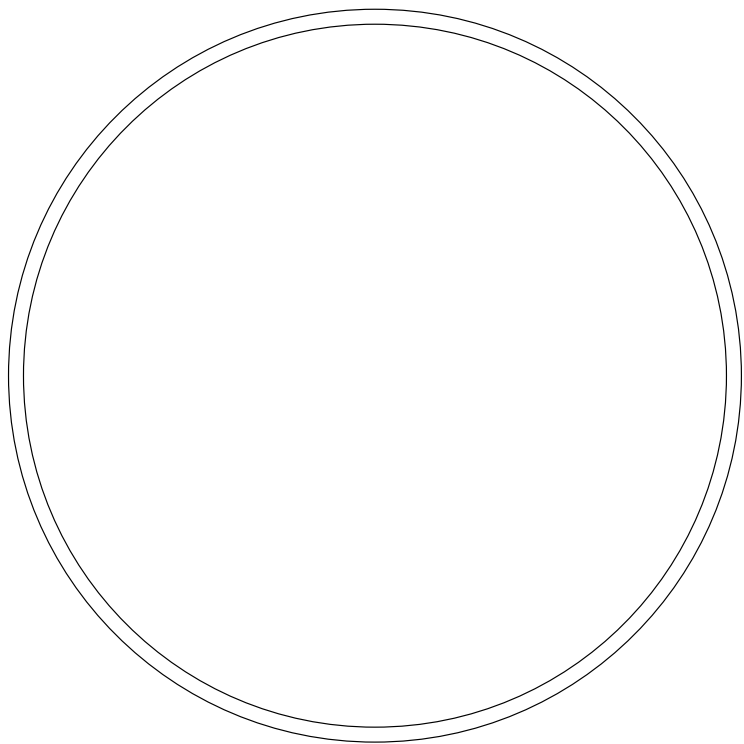


Adapters - XL series Ø 90 mm



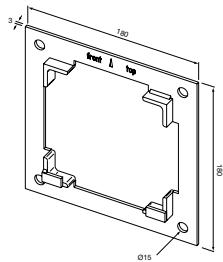
517.21680

Round 168.3x4.5 mm with M8 threaded holes
wheel + 2 crowns snap-mounted together



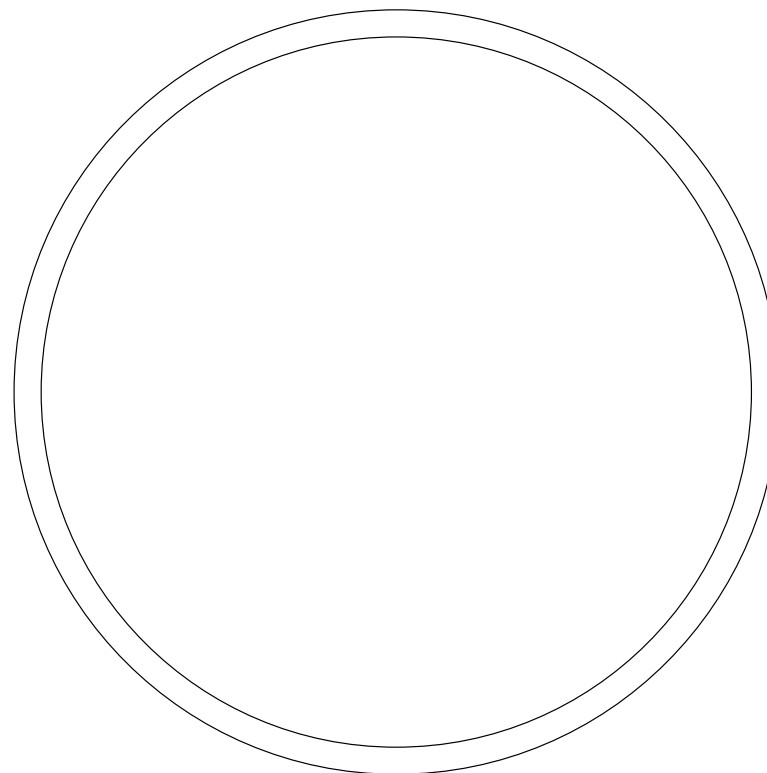
517.29800

Round 98x2; 101.6x3.6 mm with M8 threaded holes wheel



537.10001

Wall support.



Control systems

For indoor
blinds

For outdoor
blinds and awnings

For rolling shutters
and rolling door

For bioclimatic
pergolas

Adapters
and supports

Installation
guide

Common accessories



575.11055

Anti-intrusion spring with hook + 2 links



575.11057

Anti-intrusion spring with hook + 3 links



575.11058

Anti-intrusion spring 1 element, slat thickness 8 and 14 mm, octagonal rollers 60, ZF54 and ZF64



575.11059

Anti-intrusion spring 2 elements, slat thickness 8 and 14 mm, octagonal rollers 60, ZF54 and ZF64



39.030

Hirschmann Stas male connector 3N grey (for use with 39.032)



39.031

Hirschmann Stas female connector 3N grey (for use with 39.032)



39.032

Fixing bracket to be applied to 39.030



575.11060

Octagonal ring Ø 60 mm



575.11070

Octagonal ring Ø 70 mm



575.12260

Anti-intrusion spring 2 elements, slat thickness 8 and 14 mm, octagonal rollers 60, ZF54 and ZF64



575.12060

Cap with pin for 60 mm octagonal roller



575.12250

Cap with pin for Ø 50 mm round roller



575.12270

Telescopic cap for Ø 70 mm octagonal roller



575.12070

Cap with pin for 70 mm octagonal roller



585.10200

Adjusting key



41.082

Bearing with 42 mm external dia. and 12 mm hole axis.



525.10048

Bearing support, Ø 42 mm adjustable (can be used with art. 41.082)



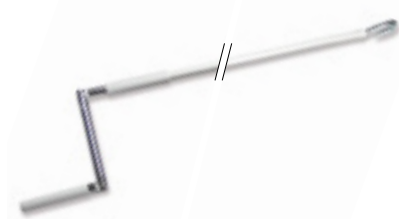
525.10066

Galvanised steel bearing support, Ø 42 mm (can be used with art. 41.082)

Handcranks and Eyebolts



Code	Description
576.10150	Handcrank with hook, grey RAL7035. L=1500 mm
576.10180	Handcrank with hook, grey RAL7035. L=1800 mm



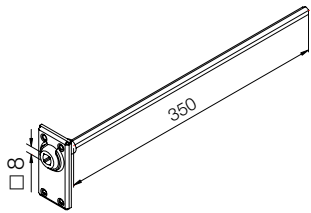
578.15045	Articulated handcrank with hook, white RAL9010. L=1500 mm
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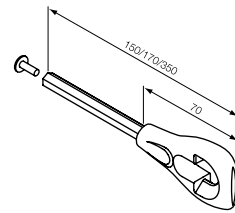
579.15145	Handcrank with 2-hole flange and hexagonal head 7, white RAL9010 L=1500 mm
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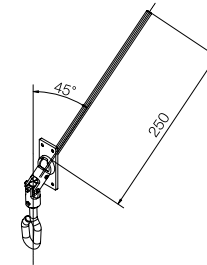
578.18047	Handcrank for concealed joint, square 8. L=1500 mm (must be used with art. 578.18048)
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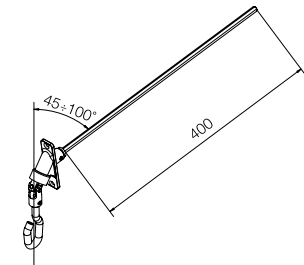
578.18048	Concealed joint, square 8, with hexagonal handcrank 7 (must be used with art. 578.18047)
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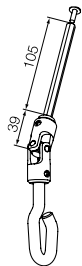
Eyebolt with 7 mm hexagonal handcrank	
Code	L size
525.10025	150 mm
525.10025/170	170 mm
525.10025/350	350 mm



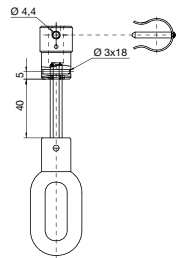
577.10145	Eyebolt with 45° joint, 4-hole flange and hexagonal head 7
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577.14190	Eyebolt with 90° joint, 2-hole flange and hexagonal head 7
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577.10146	Eyebolt with joint and hexagonal head 7
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577.10148	Eyebolt for Era XLH motor
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Control systems

For indoor blinds

For outdoor blinds and awnings

For rolling shutters and rolling door

For bioclimatic pergolas

Adapters and supports

Installation guide

Installation examples for blinds

Configurations for tubular motors with built-in radio receiver

MOTORS:

With mechanical limit switch, built-in radio receiver, Nice TTBUS technology and manual emergency override mechanism
ERA PLUS MH, ERA PLUS LH

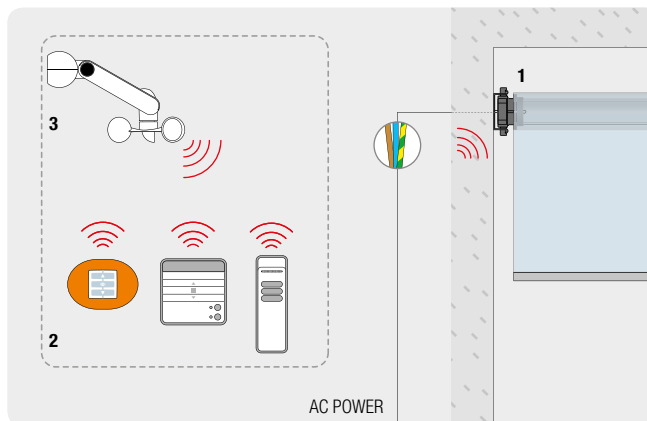
With pushbutton limit switch, built-in radio receiver and Nice TTBUS technology
ERA PLUS M

With electronic limit switch and built-in receiver
ERA FIT M

With electronic limit switch, built-in radio receiver and manual emergency override mechanism
ERA FIT MHT

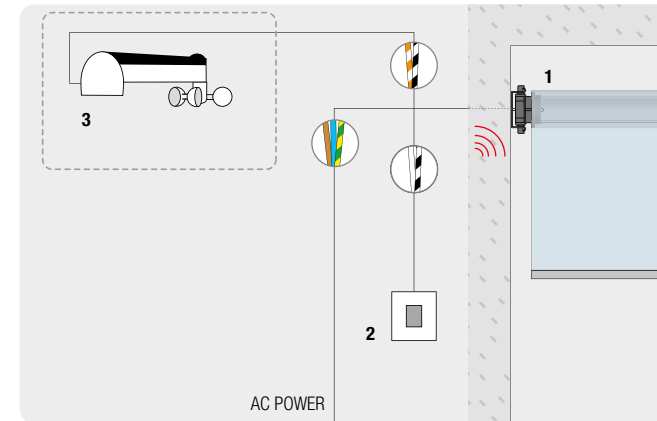
With electronic limit switch, built-in radio receiver and Nice TTBUS technology
ERA MAT

INSTALLATION WITH CONTROL UNIT AND/OR RADIO-CONTROLLED CLIMATIC SENSOR



1. TUBULAR MOTOR* 2. TRANSMITTER 3. NEMO SERIES RADIO-CONTROLLED SOLAR-POWERED ANEMOMETER

INSTALLATION WITH CONTROL UNIT AND/OR WIRE-CONTROLLED CLIMATIC SENSOR

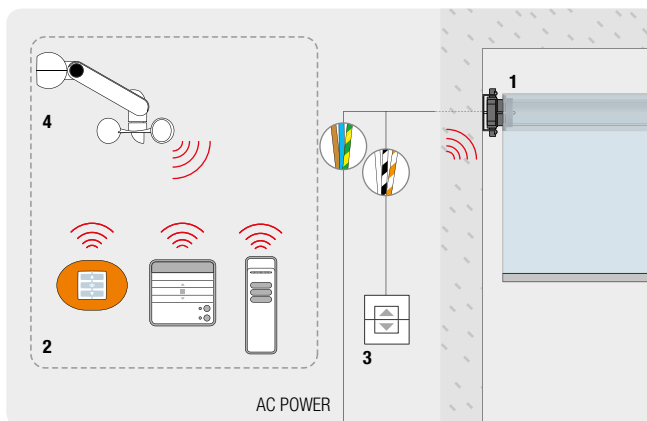


1. TUBULAR MOTOR 2. PUSHBUTTON CONNECTED TO THE TTBUS* 3. VOLO SERIES WIRE-CONTROLLED ANEMOMETER CONNECTED TO THE TTBUS*

Configuration not allowed for ERA FIT M, ERA FIT MHT, ERA PLUS MH, ERA PLUS LH.

***IMPORTANT:** Do not connect the mains electricity to the low-voltage wires dedicated to the TTBUS technology (white-white black-white orange). If these are not used, insulate them efficiently.

COMPLETE INSTALLATION WITH WIRE AND RADIO CONTROL



1. TUBULAR MOTOR 2. TRANSMITTER 3. "UP/DOWN" BUTTON CONNECTED TO THE TTBUS* OR PUSHBUTTON WITH ERA PLUS MH AND ERA PLUS LH 4. NEMO SERIES RADIO-CONTROLLED SOLAR-POWERED ANEMOMETER

Configuration not allowed for models ERA FIT M and ERA FIT MHT.

Configurations for tubular motors without built-in radio receiver

MOTORS:

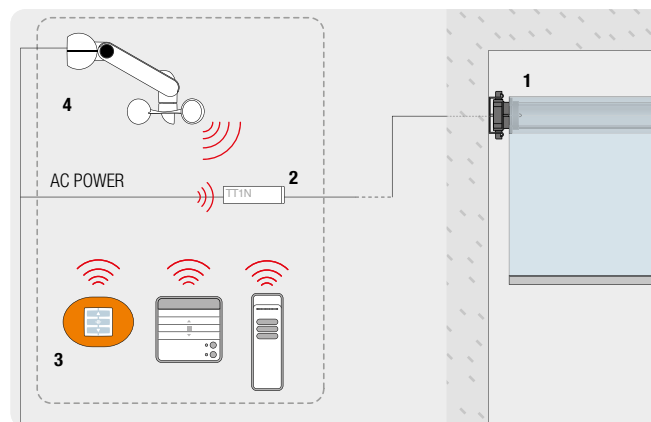
With mechanical limit switch
ERA S, ERA M, ERA L, ERA XL

With mechanical limit switch and manual emergency override mechanism
ERA MH, ERA LH, ERA XLH

With pushbutton limit switch
ERA QUICK

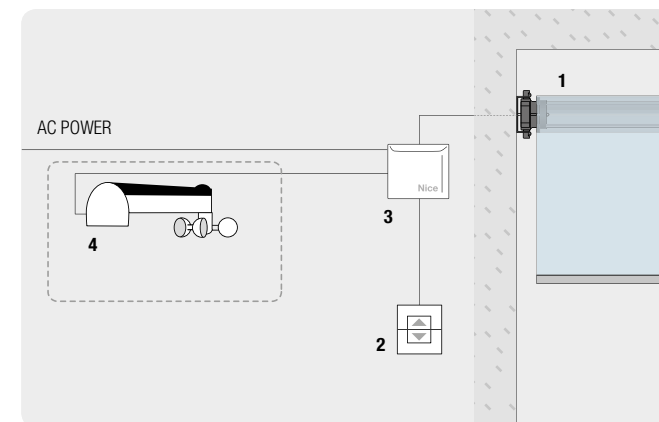
With electronic limit switch
ERA STAR

INSTALLATION WITH CONTROL UNIT AND/OR RADIO-CONTROLLED CLIMATIC SENSOR



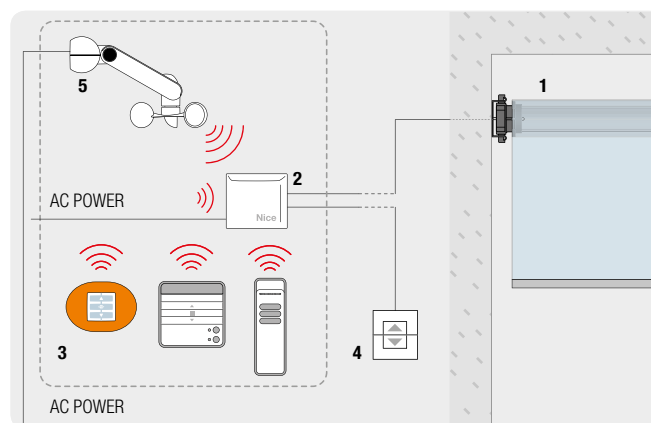
1. TUBULAR MOTOR 2. TAG TT1N SERIES CONTROL UNIT 3. TRANSMITTER 4. NEMO SERIES RADIO-CONTROLLED ANEMOMETER

INSTALLATION WITH CONTROL UNIT AND/OR WIRE-CONTROLLED CLIMATIC SENSOR



1. TUBULAR MOTOR 2. "UP/DOWN" BUTTON CONNECTED TO THE MINDY TT3 SERIES CONTROL UNIT 3. MINDY TT3 SERIES CONTROL UNIT 4. VOLO SERIES WIRE-CONTROLLED ANEMOMETER

COMPLETE INSTALLATION WITH WIRE AND RADIO CONTROL



1. TUBULAR MOTOR 2. MINDY TT4 SERIES CONTROL UNIT 3. TRANSMITTER 4. "UP/DOWN" BUTTON CONNECTED TO THE MINDY TT4 SERIES CONTROL UNIT 5. NEMO SERIES RADIO-CONTROLLED ANEMOMETER

Installation examples for rolling shutters

Configurations for tubular motors with built-in radio receiver

MOTORS:

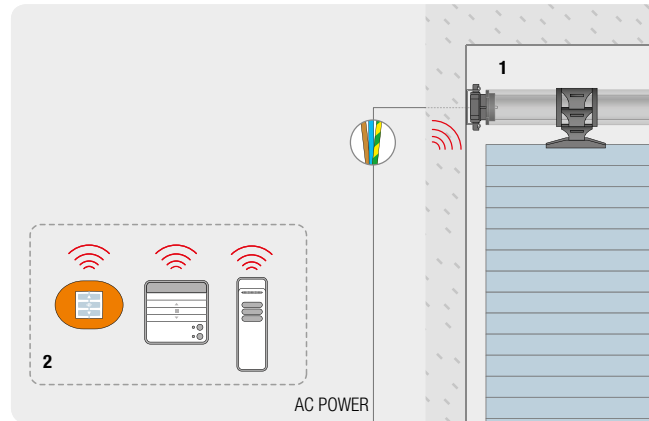
With pushbutton limit switch, built-in radio receiver and Nice TTBUS technology
ERA PLUS M

With mechanical limit switch, manual emergency override mechanism, built-in radio receiver and Nice TTBUS technology
ERA PLUS MH, ERA PLUS LH

With electronic limit switch and built-in radio receiver
ERA FIT SP, ERA FIT M, ERA FIT MP

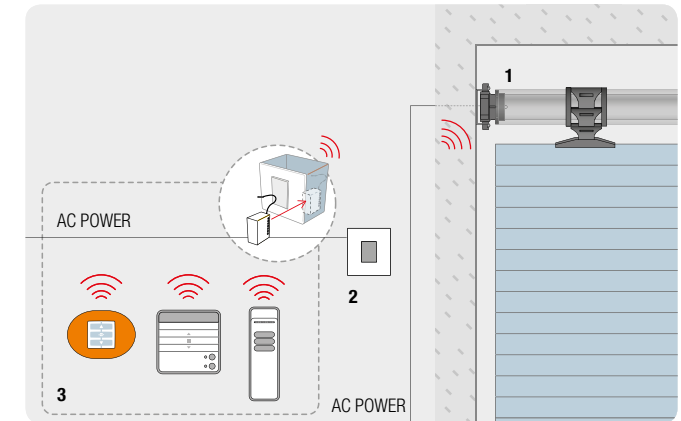
With electronic limit switch, built-in radio receiver and Nice TTBUS technology
ERA MAT

INSTALLATION WITH RADIO CONTROL



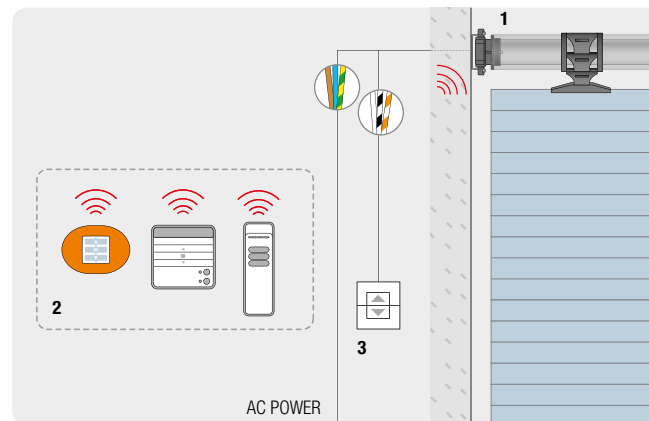
1. TUBULAR MOTOR 2. TRANSMITTER

COMPLETE INSTALLATION WITH RADIO CONTROL



1. TUBULAR MOTOR 2. RECESSED TAG TTX4 SERIES TRANSMITTER CONNECTED VIA MAINS POWER SUPPLY 3. TRANSMITTER

COMPLETE INSTALLATION WITH WIRE AND RADIO CONTROL



1. TUBULAR MOTOR 2. TRANSMITTER 3. "UP/DOWN" BUTTON CONNECTED TO THE TTBUS* OR PUSHBUTTON WITH ERA PLUS MH AND ERA PLUS LH

Configuration not allowed for ERA FIT SP, ERA FIT M e ERA FIT MP.

***IMPORTANT:** Do not connect the mains electricity to the low-voltage wires dedicated to the TTBUS technology (white-white black-white orange). If these are not used, insulate them efficiently.

Configurations for tubular motors without built-in radio receiver

MOTORS:

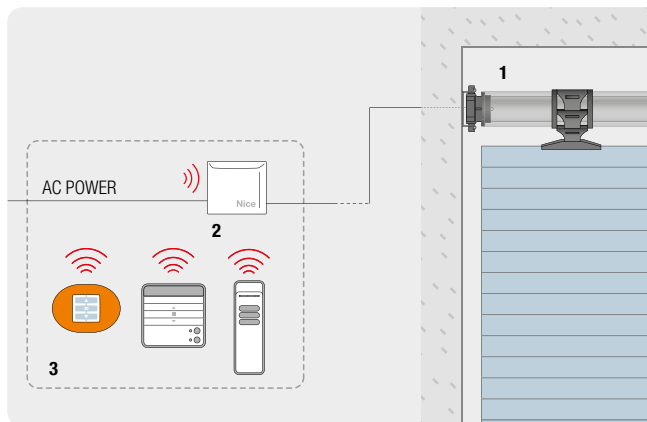
With mechanical limit switch
ERA S, ERA M, ERA L, ERA XL

With mechanical limit switch and manual emergency
 override mechanism
ERA MH, ERA LH, ERA XLH

With pushbutton limit switch
ERA QUICK

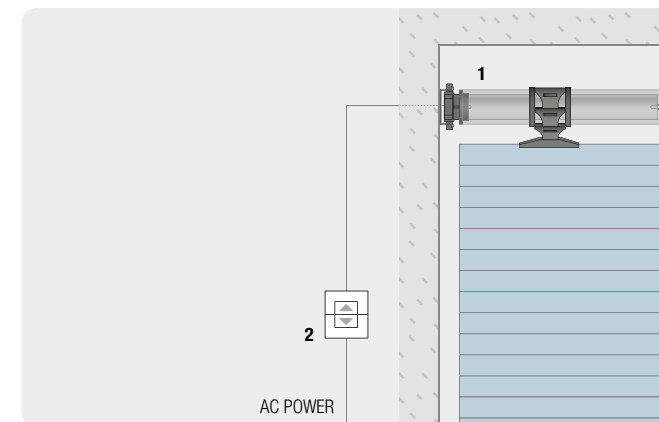
With electronic limit switch
ERA STAR

INSTALLATION WITH RADIO CONTROL



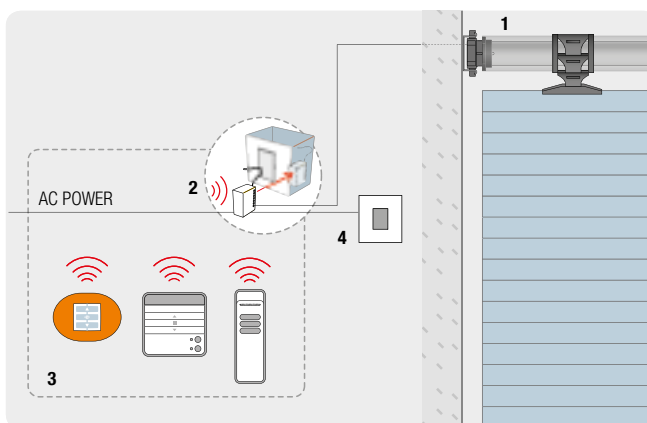
1. TUBULAR MOTOR 2. MINDY TT4 SERIES CONTROL UNIT 3. TRANSMITTER

INSTALLATION CONFIGURATION WITH WIRED CONTROL



1. TUBULAR MOTOR 2. INTERLOCKED "UP/DOWN" BUTTON CONNECTED VIA MAINS POWER SUPPLY

COMPLETE INSTALLATION WITH WIRE AND RADIO CONTROL



1. TUBULAR MOTOR 2. MINIATURISED TAG TT2N SERIES CONTROL UNIT CONNECTED VIA MAINS POWER SUPPLY 3. TRANSMITTER 4. PUSHBUTTON

Installation examples for rolling shutters in parallel

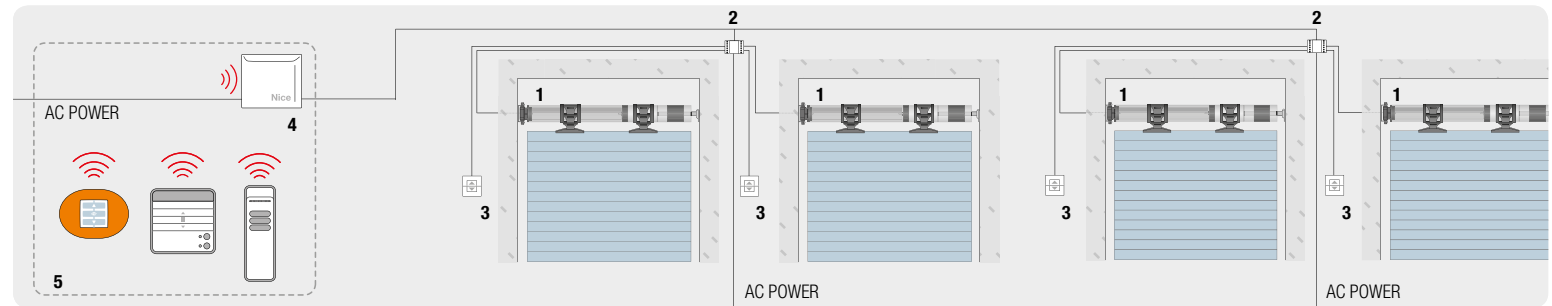
Complete configuration for tubular motors with mechanical limit switch

MOTORS:

With mechanical limit switch
ERA S, ERA M, ERA L

With mechanical limit switch
and manual emergency override mechanism
ERA MH, ERA LH, ERA XLH

***IMPORTANT:** the maximum number of motors that can be connected in parallel depends on the power of the control unit.



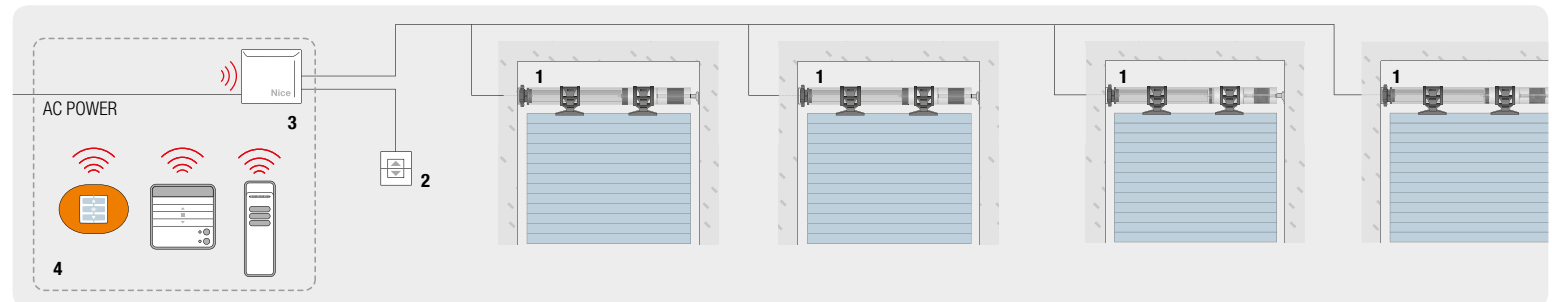
1. TUBULAR MOTOR 2. TTE EXPANSION BOARD 3. INDIVIDUAL "UP/DOWN" BUTTON 4. MINDY TT4* SERIES "UP/DOWN" CONTROL UNIT 5. TRANSMITTER FOR GROUP CONTROL

Complete configuration for tubular motors without built-in radio receiver

MOTORS:

With pushbutton limit switch
ERA QUICK

With electronic limit switch
ERA STAR
(maximum permitted length of connections 200 m)



1. TUBULAR MOTOR 2. GROUP "UP/DOWN" BUTTON 3. MINDY TT4* SERIES "UP/DOWN" CONTROL UNIT 4. TRANSMITTER FOR GROUP CONTROL

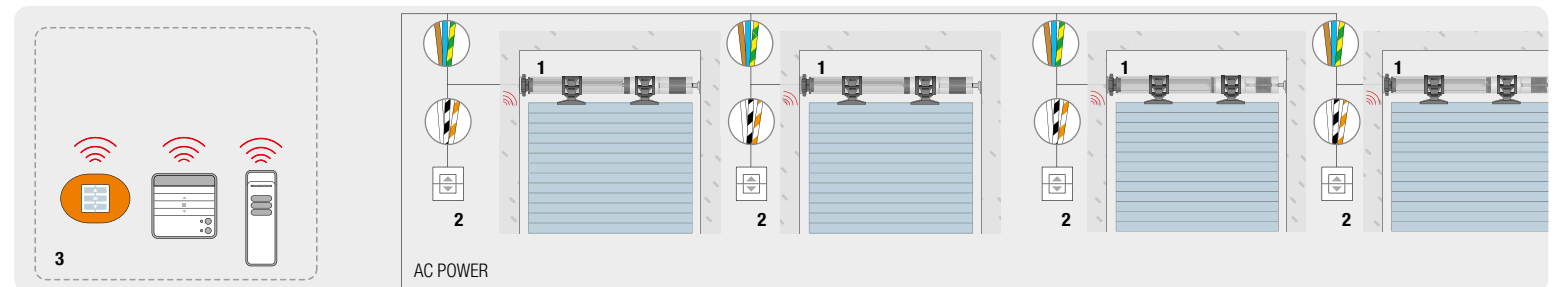
Complete configuration for tubular motors with built-in radio receiver and TTBus

MOTORS:

With pushbutton limit switch, built-in radio receiver
and Nice TTBUS technology
ERA PLUS M

With electronic limit switch, built-in radio receiver
and Nice TTBus technology
ERA MAT

****IMPORTANT:** Do not connect the mains electricity to the low-voltage wires dedicated to the TTBus technology (white-white black-white orange). If these are not used, insulate them efficiently.



1. TUBULAR MOTOR 2. INDIVIDUAL "UP/DOWN" BUTTON CONNECTED TO TTBUS** 3. TRANSMITTER FOR SINGLE OR GROUP CONTROL

Glossary

MECHANICAL LIMIT SWITCH

The mechanical limit switch is the classical intuitive solution to manually adjust the limit positions of an awning, blind or shutter.

PUSHBUTTON LIMIT SWITCH

The pushbutton limit switch combines the precision and reliability of the electronic limit switch with the easy and intuitive adjustment typical of a mechanical limit switch. The limit positions of the awning, blind or shutter can be set by pressing the pushbutton corresponding to the direction of rotation of the motor.

ELECTRONIC LIMIT SWITCH

The electronic limit switch is the most advanced and reliable solution for managing the limit positions of an awning, blind or shutter.

The limit switches can be adjusted easily, including by means of O-View TT and TTPRO external programming units.

The encoder technology in fact guarantees millimetric precision, maintenance of set values over time (including in high temperatures) and constant optimum force on the awning, blind or shutter.

A number of motors can be connected in parallel from a single control point without the need for additional control units.

BUILT-IN RADIO RECEIVER

The built-in radio receiver enables a command to be sent from a transmitter directly to the motor without having to use an external control unit with radio receiver which would otherwise have to be connected by wire. The limit switches can thus be programmed conveniently by means of a transmitter and climatic sensors can be connected easily by radio, thus simplifying the installation scheme.

TTBUS

The Nice TTbus is the most advanced solution for connecting applications and accessories and for programming the automation.

It enables the installation scheme to be simplified by:

- controlling motor movement through a low voltage control;
- connecting climatic sensors by wire without the need for external control units;
- a number of motors can be connected in parallel from a single control point without the need for additional control units.

As well as simplifying the installation scheme, this technology allows the limit switches to be adjusted easily and quickly with the O-View TT and TTPRO external programming units, even in installations with a large number of applications.

EMERGENCY OVERRIDE MECHANISM

Using a special lever, this mechanical system enables the head to be disconnected from the body of the motor, allowing the awning, blind or shutter to be raised and lowered even if the power fails.

MANUAL PROGRAMMING

Programming procedure for motors with electronic limit switch allowing the limit positions of the awning, blind or shutter to be set precisely via a transmitter, wall-mounted control or programming device (O-view TT, TTPRO).

SEMI-AUTOMATIC PROGRAMMING

Programming procedure for motors with electronic limit switch, specifically for applications in which the awning or shutter physically strikes against the top of the structure (rolling shutters with mechanical switches or box awnings). The top limit switch is programmed automatically with memorising of the position at which the awning or shutter strikes the structure. The bottom limit switch, on the other hand, is programmed using a manual procedure with visual confirmation.

AUTOMATIC PROGRAMMING

Simplified programming procedure for applications in which the shutter physically strikes against the top and bottom of the structure (rolling shutters with mechanical switches and anti-intrusion springs). By taking the shutter to the required limit positions by means of a transmitter or wall-mounted control, the motor automatically memorises the settings.

PLUG-AND-PLAY

Thanks to this function, no programming of the motor is required, thanks to installation with automatic continuous memorising of limit switch positions (dynamic update).

SMART-MEMO

During installation of the rolling shutter, the exclusive Smart-Memo function recognises any Nice transmitter as a "test transmitter", without having to perform the memorising procedure. The memory is cleared by simply disconnecting the gearmotor.

INTERMEDIATE HEIGHT

Quickly and easily recalls your favourite position with a simple pressure. You can set numerous intermediate heights without the need for visual control of awning, blind or shutter movement to the required position.

ROLLING SHUTTER PROTECTION

Perfect control of force protects the rolling shutter from damage caused by freezing or excessive friction during raising and recognises possible obstacles during lowering. The recognition can be adjusted on a number of levels, it preserves the rolling shutter from damage and, when anti-intrusion springs are fitted, improves resistance.

RDC closing torque reduction system, specifically for automating box awnings. RDC: torque reduction system to stop movement gently without straining the fabric when the closed position is reached.

Level adjustment by TTPRO, TTU or O-View TT programmers.

FRT FUNCTION (Fabric tensioning system)

retracts the fabric by a programmable amount when the fully open position has been reached, thereby eliminating unsightly sagging.

FTC FUNCTION (Automatic hooking system)

Specific for the automation of awnings with blocking mechanism with automatic hooking, such as arbour awnings or wintergardens. Two limit positions can be set for the hooking and unhooking procedures.

FTA FUNCTION (Manual hooking system)

Specific for automating awnings with manual hooking and blocking system. Guarantees correct fabric tensioning in one or more points where the manual blocking mechanism is positioned.

MEMORY LOCKING

Memory locking lets you programme the transmitters safely, without the risk of accidental memorising. The function can be deactivated at any moment.

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AG4BB	Portable transmitter to control lights and electrical loads, black	32
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AG4BW	Portable transmitter to control lights and electrical loads, white	32
AG4R	Portable transmitter to control lights and electrical loads, red (with charger base)	32
AG4W	Portable transmitter to control lights and electrical loads, white (with charger base)	32
AIR 1RW	Wall-mounted touchless radio transmitter for controlling one automation or group of automations	36
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E ACTION MI 332 AC	Tubular motor with electronic limit switch, 100-240 Vac, 3 Nm, 32 rpm	107
E ACTION MI 632 AC	Tubular motor with electronic limit switch, 100-240 Vac, 6 Nm, 32 rpm	107

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E ACTION SI 332 AC	Tubular motor with electronic limit switch, 100-240 Vac, 3 Nm, 32 rpm	97
E ACTION SI 620 AC	Tubular motor with electronic limit switch, 100-240 Vac, 6 Nm, 20 rpm	97
E EDGE MI 1020 AC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 100-240 Vac, 10 Nm, 20 rpm	109
E EDGE MI 1020 AC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 45 mm. 100-240 VAC, 10 Nm, 20 rpm	108
E EDGE MI 1020 DC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 24 Vdc, 10 Nm, 20 rpm	109
E EDGE MI 1020 DC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 45 mm. 24 VDC, 10 Nm, 20 rpm	110
E EDGE MI 332 AC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 100-240 Vac, 3 Nm, 32 rpm	109
E EDGE MI 332 AC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 45 mm. 100-240 VAC, 3 Nm, 32 rpm	108
E EDGE MI 332 DC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 24 Vdc, 3 Nm, 32 rpm	111
E EDGE MI 332 DC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 45 mm. 24 VDC, 3 Nm, 32 rpm	110
E EDGE MI 632 AC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 100-240 Vac, 6 Nm, 32 rpm	109
E EDGE MI 632 AC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 45 mm. 100-240 VAC, 6 Nm, 32 rpm	108
E EDGE MI 632 DC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 24 Vdc, 6 Nm, 32 rpm	111
E EDGE MI 632 DC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 45 mm. 24 VDC, 6 Nm, 32 rpm	110
E EDGE SI 1012 AC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 100-240 Vac, 10 Nm, 12 rpm	99
E EDGE SI 1012 AC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 35 mm. 100-240 VAC, 10 Nm, 12 rpm	98
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E EDGE SI 332 AC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 35 mm. 100-240 VAC, 3 Nm, 32 rpm	98
E EDGE SI 332 DC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 24 Vdc, 3 Nm, 32 rpm	103
E EDGE SI 332 DC BD	Electronic limit switch, dry contact and built-in radio receiver. Ø 35 mm. 24 VDC, 3 Nm, 32 rpm	102
E EDGE SI 620 AC*	Tubular motor with electronic limit switch, dry contact and built-in receiver. 100-240 Vac, 6 Nm, 20 rpm	99

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E EDGE SS 620 AC	Tubular motor with electronic limit switch, dry contact, built-in receiver. 100-240 Vac, 6 Nm, 20 rpm. For Shangri-la blinds	100
E EDGE SV 332 AC	Tubular motor with electronic limit switch, dry contact, built-in receiver. 100-240 Vac, 3 Nm, 32 rpm. For Venetian blinds	101
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E EDGE XSI 0820 DC	Tubular motor with electronic limit switch, dry contact and built-in receiver. 24 Vdc, 0.8 Nm, 20 rpm	95
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E FIT M 4012*	Tubular motor with electronic limit switch and built-in receiver. Ø 45 mm. 40 Nm, 12 rpm	135
E FIT M 4012 BD	Electronic limit switch, built-in bidirectional radio receiver. Ø 45 mm. 40 Nm, 12 rpm	134
E FIT M 5012*	Tubular motor with electronic limit switch and built-in receiver. Ø 45 mm. 50 Nm, 12 rpm	135
E FIT M 5012 BD	Electronic limit switch, built-in bidirectional radio receiver. Ø 45 mm. 50 Nm, 12 rpm	134
E FIT M 817*	Tubular motor with electronic limit switch and built-in receiver. Ø 45 mm. 8 Nm, 17 rpm	135
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E MAT MO 5012	Tubular motor with electronic limit switch, built-in receiver and TTBus. Ø 45 mm. 50 Nm, 12 rpm	179
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E MAT SA 611	Tubular motor with electronic limit switch, built-in receiver and TTBus. Ø 35 mm. 6 Nm, 11 rpm	168
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E MAT ST 611	Tubular motor with electronic limit switch, built-in receiver and TTBus. Ø 35 mm. 6 Nm, 11 rpm	128
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E MH 2012 DC	Tubular motor with mechanical limit switch and manual emergency override mechanism. Ø 45 mm. 12 Vdc, 20 Nm, 12 rpm	138
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E PLUS LH 7517	Tubular motor with mechanical limit switch, receiver, TTBus, manual emergency override mechanism. Ø 58 mm. 75 Nm, 17 rpm	145
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E XLH 15012	Tubular motor with mechanical limit switch and manual emergency override mechanism. Ø 90 mm. 150 Nm, 12 rpm	147
E XLH 18012	Tubular motor with mechanical limit switch and manual emergency override mechanism. Ø 90 mm. 180 Nm, 12 rpm	147
E XLH 23012	Tubular motor with mechanical limit switch and manual emergency override mechanism. Ø 90 mm. 230 Nm, 12 rpm	147
E XLH 30012	Tubular motor with mechanical limit switch and manual emergency override mechanism. Ø 90 mm. 300 Nm, 12 rpm	147
ERA P VIEW	Multifunction radio transmitter with LCD display. Can control up to 99 devices singly or in groups	30
INB	Communication interface between Bticino Bus (SCS) and Nice Bus (TTBus and BusT4)	68
KRONO 1WC	Wall-mounted programmable timer, with lcd graphic display. Mains powered, manages 1 group of motors by wire	45
KRONO 1WW	Wall-mounted radio programmable timer, with lcd graphic display. Battery-powered, manages 1 channel via radio	45
KRONO 6WW	Wall-mounted radio programmable timer, with lcd graphic display. Battery-powered, manages up to 6 channels via radio	45
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MHPS24500	24 Vdc, 500 W power supply	114
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MW2	Portable transmitter, activates 2 Open-Stop-Close automations in single or multigroup mode	44
MW3	Portable transmitter, activates 3 Open-Stop-Close automations in single or multigroup mode	44
NEMO SCT	Radio-controlled Sun sensor, powered by built-in photovoltaic cells	48
NEMO SRT	Radio-controlled Sun-Rain sensor, powered by mains electricity	49
NEMO WSCT	Radio-controlled Wind-Sun sensor, powered by built-in photovoltaic cells	48
NEMO WSRT	Radio-controlled Wind-Sun-Rain sensor, powered by mains electricity	49
NEMOVIBE	Radio-controlled wind sensor, battery-powered	52
OVIEWTT	Control, programming and diagnostics unit for devices with TTBus connection	68
P1	Portable transmitter to control 1 automation group or 1 electrical load system	40

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P18	Portable transmitter to control 18 automation groups or 18 electrical load systems	40
P1S	Portable transmitter to control 1 automation group or 1 electrical load system, with Sun ON/OFF keys	40
P1SBD	Portable bidirectional transmitter to control one automation or automation group, with sun on/off key and key to verify automation status	38
P1V	Portable transmitter to control 1 automation group or 1 electrical load system, with slider dimmer	40
P6	Portable transmitter to control 6 automation groups or 6 electrical load systems	40
P6S	Portable transmitter to control 6 automation groups or 6 electrical load systems	40
P6SBD	Portable bidirectional transmitter to control six automations or automation groups for activation in single or multigroup mode, with sun on/off key and key to verify automation status	38
P6SV	Portable transmitter to control 6 automation groups or electrical load systems, with Sun ON/OFF keys and slider dimmer	40
P6SVBD	Portable bidirectional transmitter to control 6 automations or automation groups for activation in single or multigroup mode, with slider, key for sun on/off and key to verify automation status	38
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PATIOCONTROL	Control unit for patios. 24 VDC	193
PATIOKIT1515	Kit composed by linear actuator with 1500 N pulling force, control unit and temperature sensor	192
PATIOLPS240	240 W power supply module	193
PATIOSENSOR	PatioControl temperature sensor	193
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TT1N	433.92 MHz frequency receiver, rolling code. To control motors up to 500 W.	61
TT1V	433.92 MHz frequency receiver, rolling code. For Venetian blinds. To control motors up to 500 W	61
TT1VR	433.92 MHz frequency receiver, with Hirschmann connector to control a motor of up to 500 W	62
TT2D	Control unit to control 230 Vac lighting installations with built-in radio receiver and switching module	59
TT2L	Control unit to control 230 Vac lighting installations with built-in radio receiver	59
TT2N	Control unit to control one 230 Vac tubular motor with built-in radio receiver	57
TT2Z	Radio receiver and control unit for dry contact controlled motors, 4-wire motors and lights	58
TT3	Control unit to control 1 motor up to 1000 W	63
TT4	Control unit to control 1 motor up to 1000 W	63

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TT6	TTBUS-RS232 interface and control unit for tubular motors	64
TTDMS	Recessed control unit with built-in radio receiver for electrical loads up to 250 W, ON/OFF and dimmer functions	60
TTE	Expansion to control a number of motors, for Mindy TT series control units	70
TTPRO BD	Palmtop programmer for Nice tubular motors with TTBUS or dry contact technology	67
TTU	Electronic limit switch programming unit	70
TTX4	Recessed transmitter powered by mains electricity, 4 channels	56
TTXB4	Recessed transmitter, battery-powered, 4 channels	56
VOLO	Wind sensor	50
VOLO S	Wind-Sun sensor	50
VOLO S-RADIO	Radio-controlled Wind-Sun sensor	51
VOLO ST	Wind-Sun sensor with thresholds adjustable by trimmer	50
W1	Wall-mounted transmitter to control 1 electrical load system or automation group	42
W1S	Wall-mounted transmitter to control 1 electrical load system or automation group, with Sun ON/OFF keys	42
W1SBD	Wall-mounted bidirectional transmitter to control one automation or automation group, with sun On/Off key and key to verify automation status	39
W6	Wall-mounted transmitter to control 6 electrical load systems for activation in single or multigroup mode	42
W6S	Wall-mounted transmitter to control 6 electrical loads for activation in single or multigroup mode, with Sun ON/OFF keys	42
W6SBD	Wall-mounted bidirectional transmitter to control 6 automations or automation groups for activation in single or multigroup mode, with sun On/Off key and key to verify automation status	39
WAX	Table-top support in white plastic and blue ice rubber	35
WCF	Mini cover, fern green	35
WCG	Mini cover, graphite	35
WCI	Mini cover, ice blue	35
WCO	Mini cover, orange	35
WM001C	1 channel module to control 1 automation	34

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WM002G	Module to control 2 Open-Stop-Close automations in single or multigroup mode	34
WM003C	3 channel module to control 3 automations	34
WM003C1G	Module to control 3 Step-by-Step automations and 1 Open-Stop-Close automation	34
WM003G	Module to control 3 Open-Stop-Close automation groups in single or multigroup mode	34
WM004G	Module to control 4 Open-Stop-Close automations in single or multigroup mode, plus a sun sensor	34
WM006G	Module to control 6 Open-Stop-Close automation groups in single or multigroup mode	34
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WRT	Rectangular wall plate, neutral transparent	35
WRW	Rectangular wall plate, white	35
WSA	Square wall plate, aluminium	35
WSB	Square wall plate, black	35
WSG	Square wall plate, graphite	35
WSS	Square wall plate, water green	35
WST	Square wall plate, neutral transparent	35
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