

**SHADING IS OUR
HERITAGE, QUALITY IS
OUR TRADITION**




Established since 1974

月光(私人)有限公司

Moonlight Pte Ltd ~ Manufacturer of Roller Blinds and Awnings

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RETRACTABLE AWNING

About Retractable

Retractable awnings is the most popular choice for owners to give their home or business an aesthetic edge with flexibility. Retractable Awning is highly functional as it serve as a shade to shade against Heat, Rain and Sun. It also can be used for Indoors and Outdoors



(Fixed Fabric Awning)



Being Retractable, owners are able to control the amount of sunlight that comes in.

Having it motorized, they can fully retract by the use of a remote or Wall Switch.

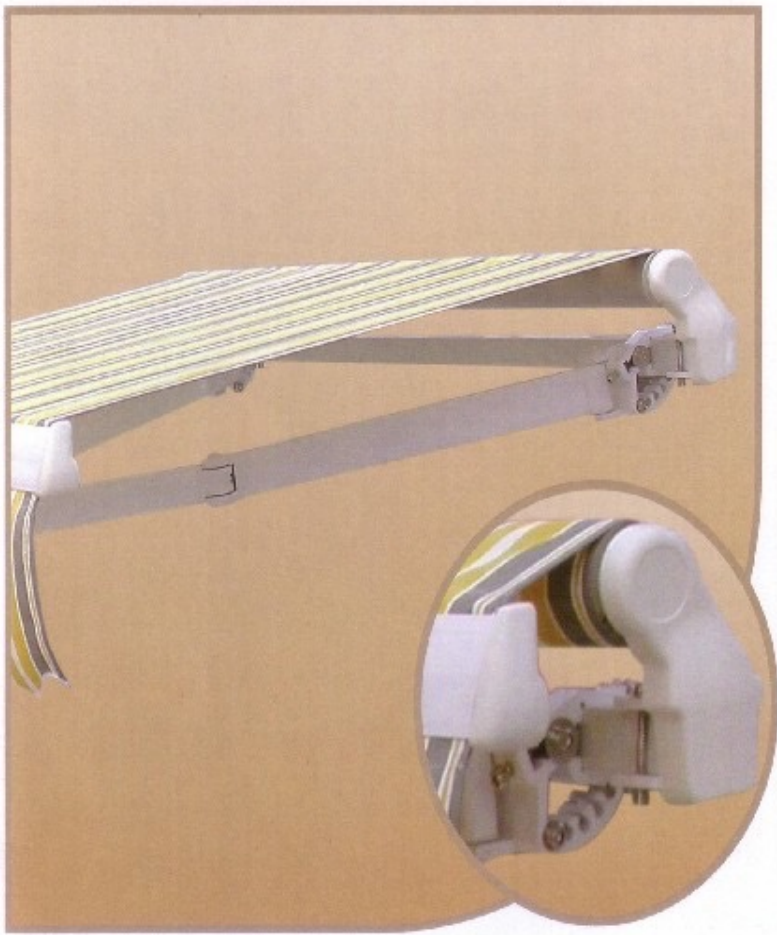
You can also have manual crank control which is (Non-Motorize)

When awnings are installed over windows, they can reduce glare by 94 percent and exterior heat by 77 percent.

This reduces the temperature inside your home by 8 to 15 degrees.

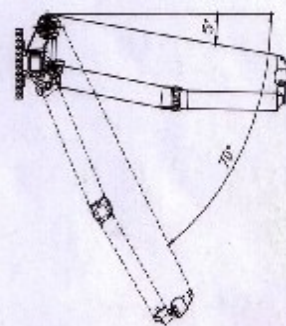
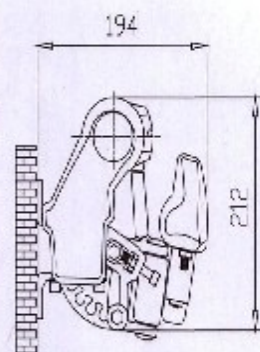
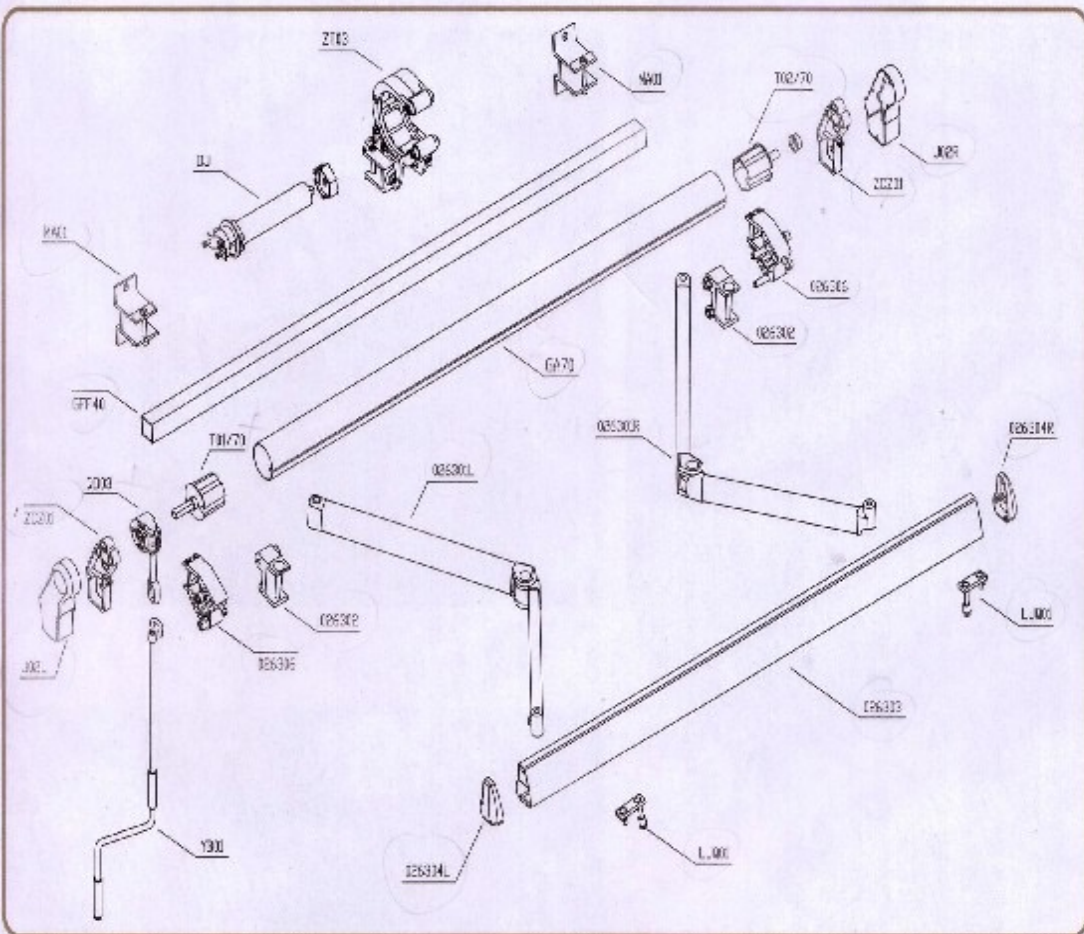
Our Product comes with a 1 Year Warranty





If you want to stop glaring sun light, while having bright and soft sunshine or enjoy the nice scenery outside windows and so, Sanli folding arm awnings are your best choice. The functions of sunlight shading and light collecting are united harmonically, so that new ideas can be realized fully to design external walls with changeable and soft appearance.





0263曲臂式遮阳篷，工作是使用机械装置和曲臂装置系统，在弹簧的作用下，产生伸缩张力，整个曲臂组由臂止动件实现5~70度任意精确平行调整。可通过不同传动系统：手动曲柄操纵、电机操纵。结构骨架采用高强铝合金/锌合金/优质钢材/ABS树脂/聚丙烯PP制成。而螺栓和螺丝均由不锈钢制成。可适用于混凝土、砖墙、木质、轻钢龙骨等硬型墙体安装，还可以实现吊顶安装。最大适用伸出长度为3.50米。

In 0263 folding arm awning, the mechanical devices and folding arms can create stretching and attracting forces under the action of springs. The folding arms can be adjusted parallel and precisely by the arm stops in any angle between 5-70 degree. The awning can be controlled manually and electrically through different driving devices. The structural frames are made of high strength aluminum alloy / zinc alloy / high grade steel / ABS resin / polypropylene. The bolts and screws are made of stainless steel. The awning is suitable for hard walls, such as: concrete walls, brick walls, wooden walls, light gage steel joist walls etc., and can be installed on ceiling also. The biggest extension length is 3.50 meter.

图样 Drawing	代号 Code	品名 Description	图样 Drawing	代号 Code	品名 Description
	GA70	Φ70卷轴 Φ70 reel		026305	前杆接口 Front rod fitting
	026303	前杆 Front rod		LJC01	前杆滑销总成 Front rod sliding pin assembly
	GFF40	40×40方杆 40×40 square rod		T02/70	Φ70卷轴圆顶塞 Φ70 reel round cap plug
	GB70	Φ70卷轴接口 Φ70 reel fitting		T01/70	Φ70卷轴方顶塞 Φ70 reel square cap plug
	026301R 026301L	曲臂总成 Crank assembly		026304R 026304L	前杆盖帽 Front rod cap plug
	MA01	方杆支撑墙座 Square rod supporting wall seat		J02R J02L	圆杆支撑件盖帽 Reel supporting part cap
	026302	曲臂连接件 Crank connecting		ZT03	带滚轴中心支撑件 Central supporting part with roller
	ZCZ01	卷轴支撑件 Reel supporting part		DJ	管状电机总成 Tubular motor assembly
	026306	曲臂止动件 Crank arm retainer		YB01	手动摇杆 Manual rocker
	QD03	传动蜗轮箱 (传动比:1:1) Worm wheel gearbox Gear ratio:1:1			



Retractable Awning Details (Motorized)

Arms Set Joint



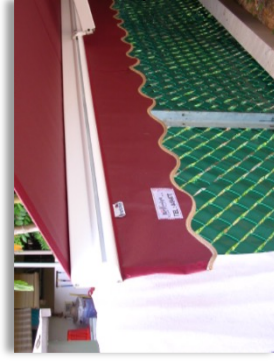
Frontal Connector



Installation Bracket



Front Tube



Center Support



Arms Bracket



Center Sq Tube



Samfy Switch Control



Fully Projected



Fully Retracted



Retractable Awning Details

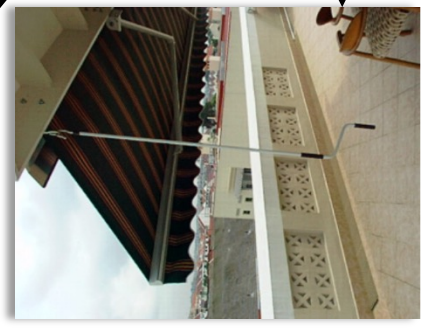
Detail of Bracket



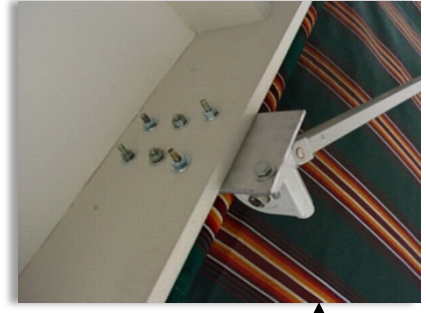
Front View of Bracket



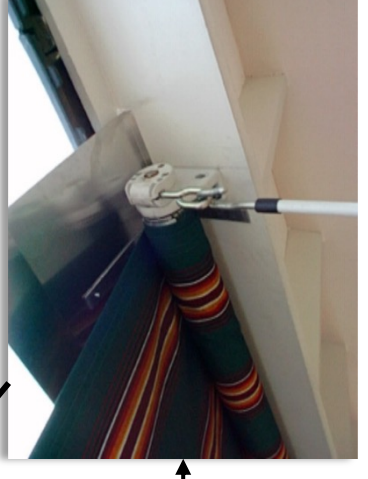
Rear View of Bracket



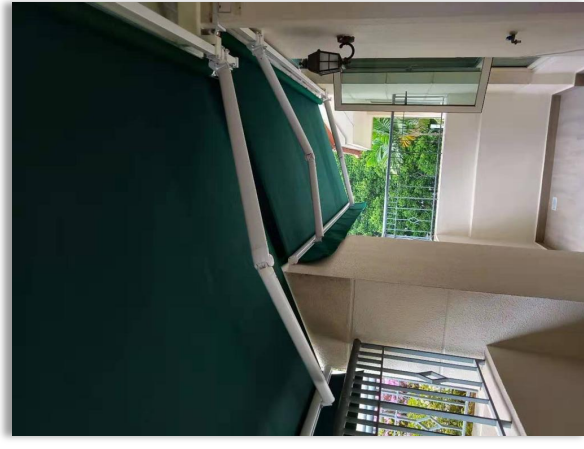
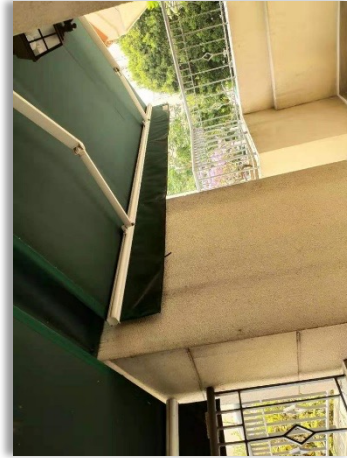
Side View of Gear Box System



Rear View of Bracket

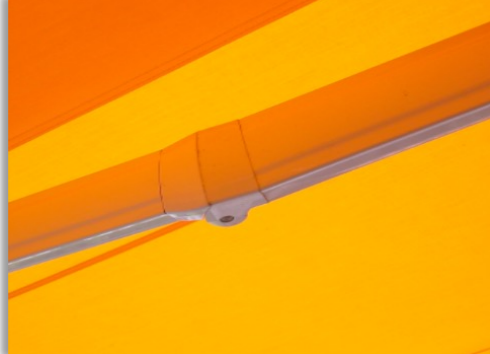


Retractable Awning Details

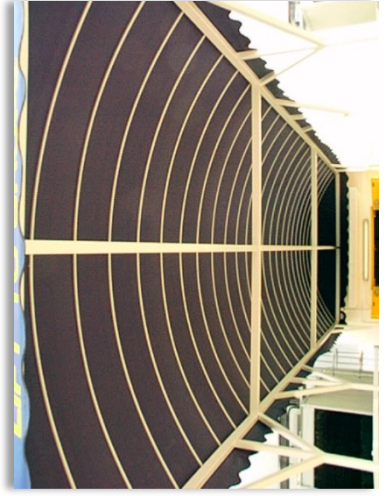
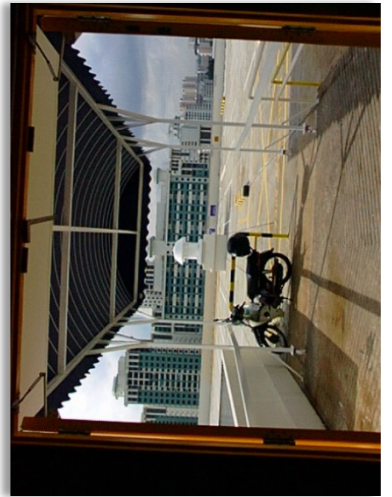


Changing of Old to New Fabric

Retractable Awning with Fixed Awning



Fix Canvas Awning Details



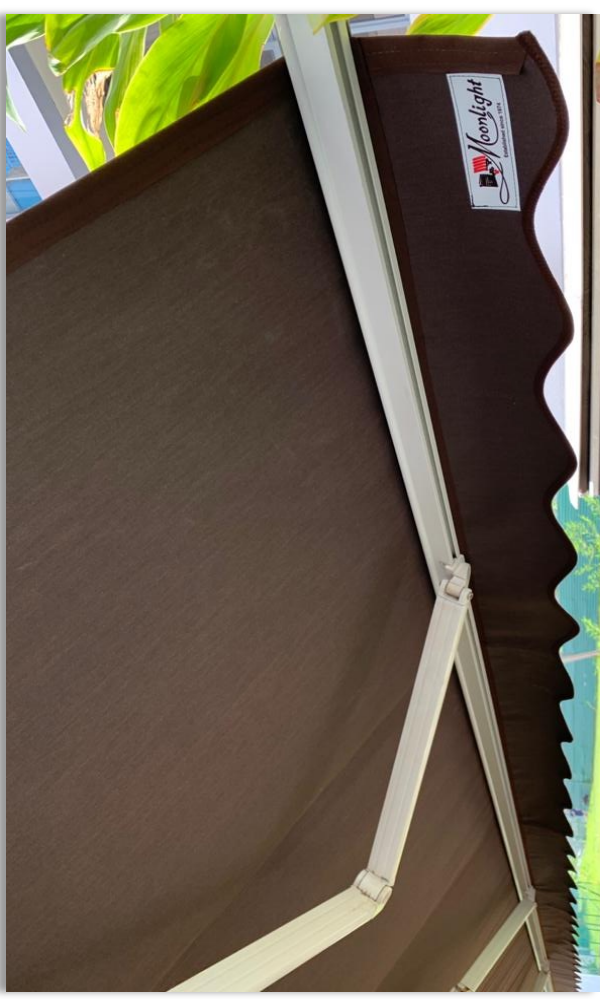
Some of our work



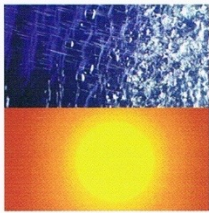
Some of our work



Some of our work



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Adaptados para soportar tanto las inclemencias del SOL como de la LLUVIA.

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Adapted to withstand extreme exposure to both SUN and RAIN.

La nouvelle génération de tissus acryliques tout-terrain.
Adaptés pour résister aux inclemences du SOLEIL et de la PLUIE.

Neue Generation von universal einsetzbaren Acrylistoffen.
Sie sind gegen die Unbilden von SONNE und REGEN geschützt.

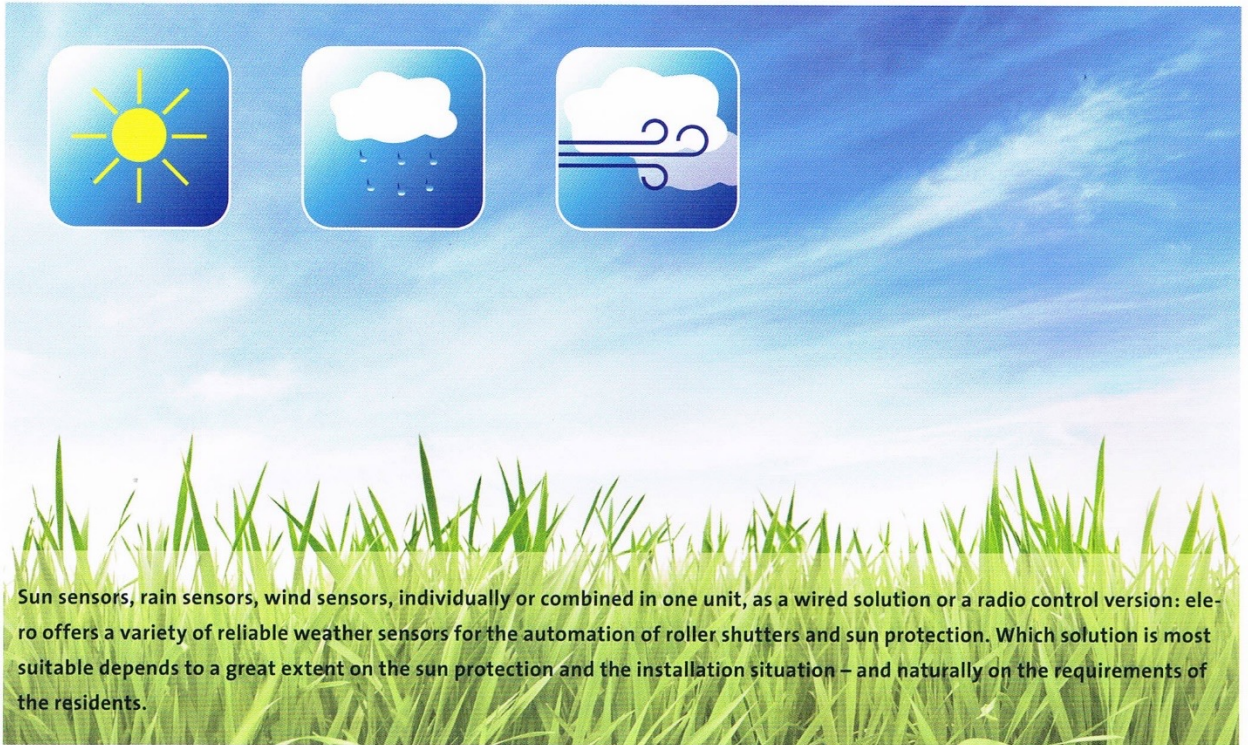


Sauleda, S.A.
DESDE 1897

																			
BEIGE SR8267	MARFIL SR8272	SEDA SR8278	BLANCO SR8268	ROJO SR8277	NARANJA SR8274	AMARILLO SR8265	TEJA SR8279	MARINO SR8273	AZUL SR8266	AZUL REAL SR8276	GRANATE SR8270	NEGRO SR8275	GRIS SR8271	BOTELLA SR8269	VERDE SR8280				

Affected by the weather – luckily

Sensors an in-demand aid



Sun sensors, rain sensors, wind sensors, individually or combined in one unit, as a wired solution or a radio control version: elero offers a variety of reliable weather sensors for the automation of roller shutters and sun protection. Which solution is most suitable depends to a great extent on the sun protection and the installation situation – and naturally on the requirements of the residents.

Drives and controls are the central automation elements – but only with the right accessories can specialist firms and industry develop solutions to meet complex demands. This is why elero offers a variety of sensors, from simple sun sensors through to sophisticated weather sensors, which monitor solar radiation, wind strength and rainfall. Alongside wired sensors, which are in demand with new construction above all, the product range also includes radio control versions: These are noted for their swift and uncomplicated installation and are often used when retrofitting therefore.

A brief overview shows which weather sensor is suited to which installation situation.

Roller shutters:

Up in the morning, down in the evening – and that's all roller shutters can do? Not at all: Fitted with a radio-controlled sun sensor such as the Lumo-868 they also protect sensitive plants and furniture against too much sunshine if the residents are away and keep the apartment cool in summer.

Venetian blinds:

Venetian blinds ensure pleasant lighting conditions in rooms. A sun sensor is not sufficient with exterior venetian blinds, however – the sensitive slats require protection from strong winds. To this end two sensors are not necessary: The Aero is a wired sun-wind sensor that records light intensity and wind speed. With the radio-control version Aero-868 Plus it is possible to forego the laying of cables for a mains supply entirely – power is provided by two integrated solar cells.



Lumo-868



Aero



	Deployment area	Function	Radio control	Solar cell	May be used in combination with
Aero	V, A	Sun, wind			AeroTec, AeroControl
Aero-868	A	Sun, wind	•	•	Combio-868 RM, drives with integrated receiver
Aero-868 Plus	V, A	Sun, wind	•	•	Combio-868 JA/RM, drives with integrated radio receiver
Aquero	A	Rain			AeroTec
Lumero	R, V, A	Sun			AstroTec/-868, AeroTec
Lumero-868	R, V, A	Sun	•	•	Combio-868 JA/RM, drives with integrated radio receiver
Lumo	R	Sun			AstroTec/-868, individual controls
Lumo-868	R	Sun, glass breakage, twilight	•		Combio-868 RM, roller shutter drives with integrated radio receiver
Protero-868	A	Wind, vertical curves	•		Combio-868 RM and awning drives with integrated radio receiver
Sensero-868 AC	V, A	Sun, wind, twilight	•		Combio-868 JA/RM, drives with integrated radio receiver
Sensero-868 AC Plus	V, A	Sun, wind, rain, twilight	•		Combio-868 JA/RM, drives with integrated radio receiver
Ventero	V, A	Wind			AeroTec, AeroControl
Ventero-868	A	Wind	•	•	Combio-868-RM, awning drives with integrated radio receiver

R – Roller shutters, V – Venetian blinds, A – Awnings

Awnings:

Awnings also need protection from the wind. A popular possibility: A wind sensor supplements the operation with a hand-held transmitter. The Protero-868 is a practically “invisible” sensor. It measures any oscillation of the retractable-arm awning caused by the wind and also registers when its angle has changed due to the formation of a pocket of water. It may be integrated into the radio-controlled drive/hand-held transmitter system without any problems.



Protero-868

One for all:

The weather sensor Sensero-868 AC Plus for sun protection is an all-rounder: It unites sun, wind and rain sensory functions in one compact unit – the wind speed is measured using an inconspicuous air-flow sensor on the underneath of the device. Thanks to various operating modes and pre-set threshold values this all-rounder can be commissioned very quickly.



Sensero-868 AC Plus

Further information can be found on:



elero.com/en/proline-controls;sensors.htm

Emitters | Control system

AC114

Hand-held emitter



AC114-01
Single Channel



AC114-02
Double Channels



AC114-06
Six channels



AC114-16
Sixteen channels

Features

- ✦ Simple style design for various decoration
- ✦ Individual buttons with backlight
- ✦ High quality material for panel, anti scratching and anti friction
- ✦ AAA battery for power supply, easy to buy and install
- ✦ Low power consumption, batteries last 2-3 years

Parameters

Model No.	Battery Type	Working temp	Frequency	Transmitting power	Operation mode
AC114-01/02/06/16	AAAx2(3V)	-20°C~+55°C	433.92MHz	≤10mW	Remote

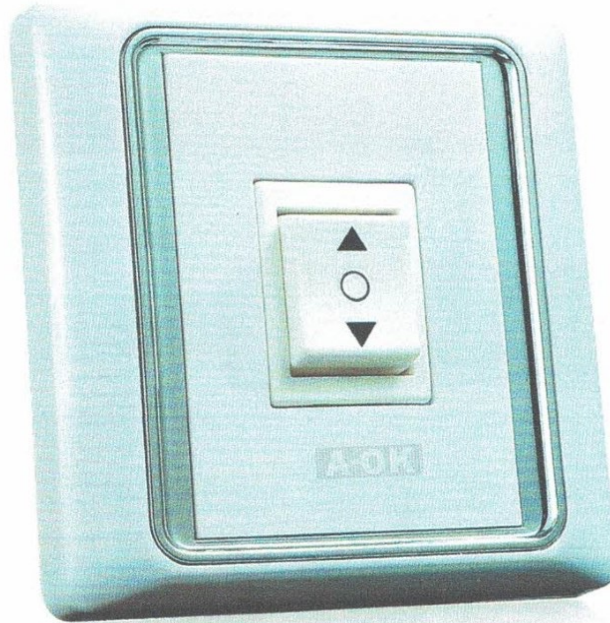
A-OK®

Radio Receiver Control system | Specialized Manufacturer of Motorization and Automation

AC505-01

Single route mechanical manual switch

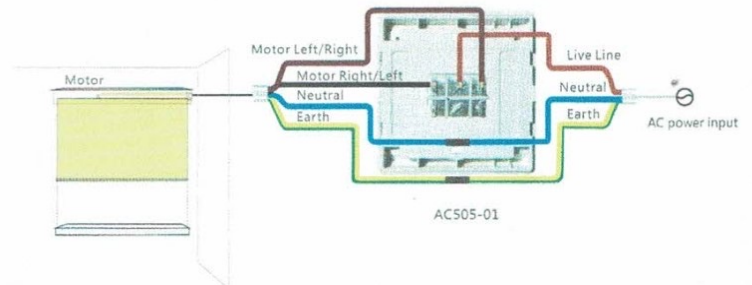
AC505-01 single route mechanical manual switch, work with standard motor to manual operate Up, Stop, Down, economic motorization.



Features

- > Work with standard mechanical motor.
- > Maximum current.
- > With function of UP, STOP, DOWN.

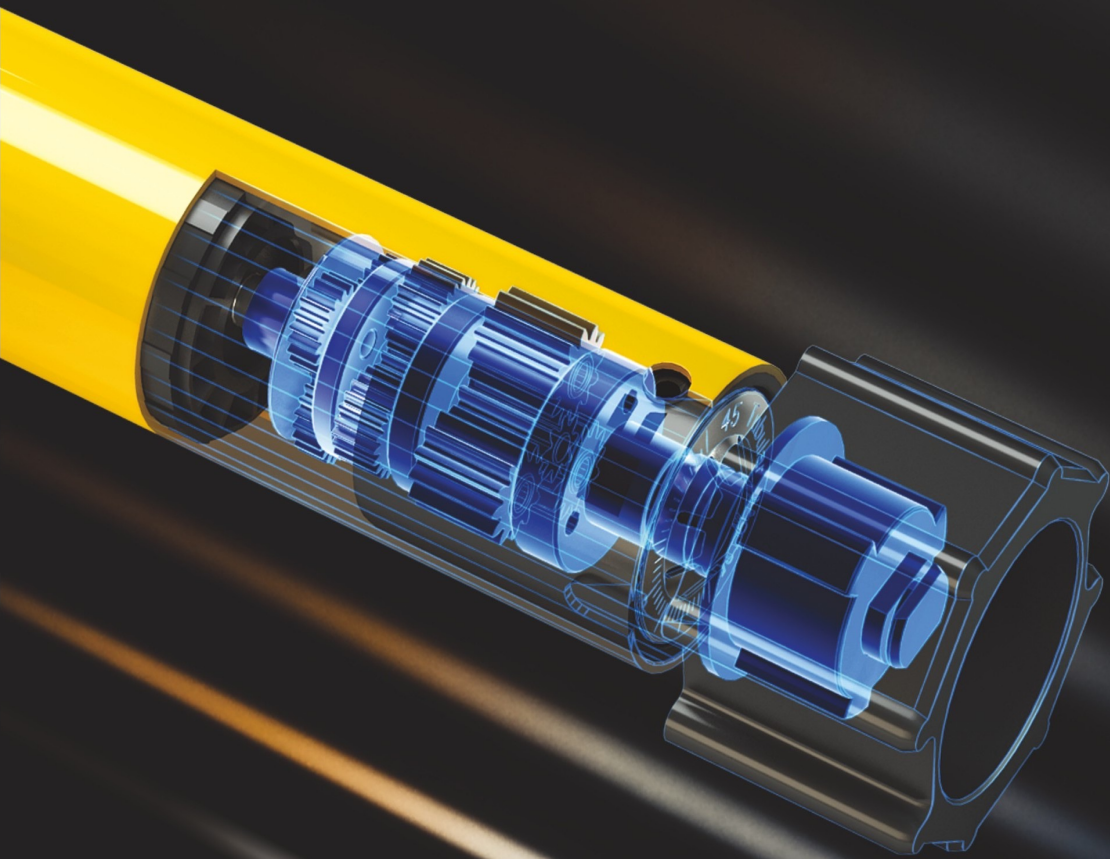
Wiring diagram



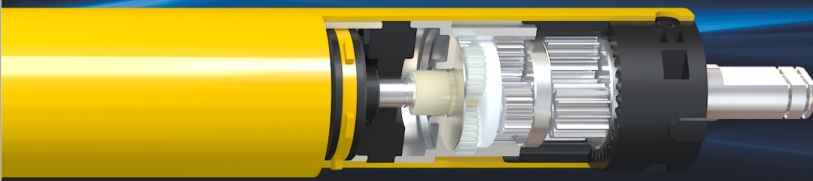
Parameters

Model NO.	AC505-01
Working Voltage	230VAC 50/60Hz; 120VAC 60Hz;
Working Temp	-40°C~+85°C
Contact Rating	230V 10A
Operation Mode	Manual

AM45 Tubular Motor



AM45 Standard Tubular Motor



Application:



Roller blinds



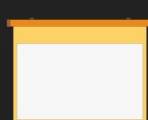
Wooden venetian



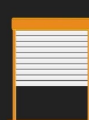
Pleated blinds



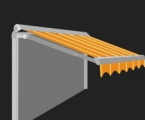
Roman blinds



Projection screens



Roller shutter



Awnings



Rolling door

Features:

AC power supply

Mechanical limit

Quiet design

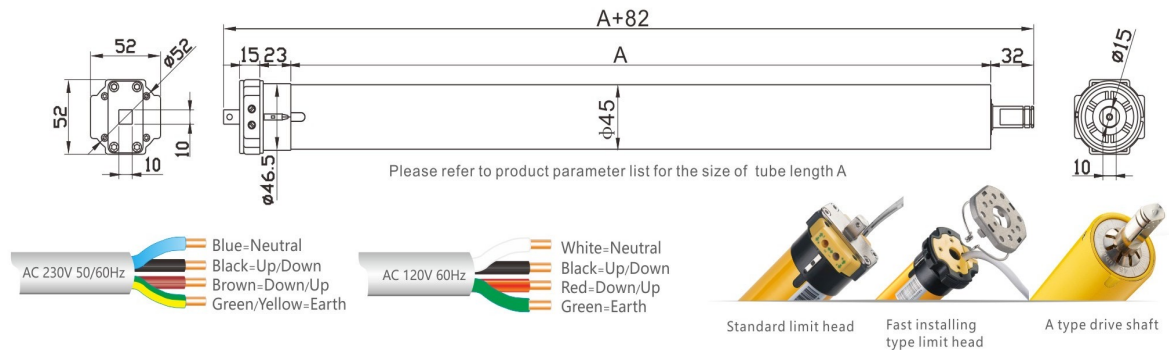
Home automation control

- ❖ Running noise is 45dB
- ❖ Repeat positioning accuracy is as low as 2 degrees

- ❖ Double breaking design with patent
- ❖ Max. limit circle is 55 circles

AM45 Series | Tubular Motor

Motor Dimensions



Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube Length A	Rated Voltage	Rated Power	Rated Current	IP Class
AC230V 50/60Hz								
AM45-10/17	10N.m	17rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-15/17	15N.m	17rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-20/12	20N.m	12rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-10/30	10N.m	30rpm	45mm	482mm	230V	170W	0.735A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	230V	250W	1.089A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	230V	170W	0.735A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-30/12	30N.m	12rpm	45mm	482mm	230V	190W	0.83A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	230V	250W	1.089A	IP44
AM45-65/12	65N.m	12rpm	45mm	540mm	230V	330W	1.52A	IP44
AC120V 60Hz								
AM45-10/17	10N.m	17rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-15/17	15N.m	17rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-20/12	20N.m	12rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-10/30	10N.m	30rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	120V	300W	2.50A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-30/12	30N.m	12rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	120V	300W	2.50A	IP44

Some of our Work



Advantages

- Flexibility (Light Control)
- Aesthetically Pleasing
- No Vertical Support
- Rain & UV Protection
- Option to put Rain or Wind Sensor
- Option for Motorized or Non-Motorized
- Expand Living/Business Space
- Requires Little to No Maintenance

Specification

Material: Retractable Awnings Max Projection w/o support: 8'0"
 Thickness: 0.48 mm
 Colours: 20 +
 Frame Type: Cast Aluminum

Facts

Price	★ ★ ☆ ☆ ☆
Durability	★ ★ ★ ☆ ☆
Variety	★ ★ ★ ★ ☆
Attractiveness	★ ★ ★ ★ ★