



See shade in
a new light

4AC Moco Controller

somfy

Whatever the latitude or season, **controlling light and heat while preserving natural resources is an essential human need.** This is the same at home, at work, at school, at the hospital and wherever buildings accommodate human activities.



That is why we create the means to control the solar protection of buildings, ensuring the well-being of those who live there paying constant attention to energy performance.



We support the needs of facilitated management of buildings **by providing connected solutions, accessible on-site or remotely.**



We allow everyone to determine their own thermal and visual comfort: a simple movement is enough to control natural light, modulate heat and ensure privacy.



By creating solutions in the service of the users, **we contribute to improving efficiency at work as well as the quality of care and learning, thereby contributing to better health.**



In association with those who design, build and manage buildings, and together with our solar protection partners, **we provide open and scalable solutions that meet all energy performance and comfort needs.**

4 AC Motor Controller WM/DRM 220–230 V AC

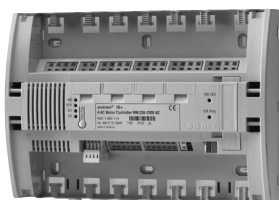
animeo Solo

animeo IB+

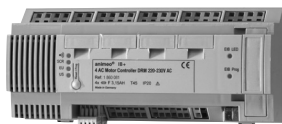
animeo KNX

animeo LON

SOLUTIONS FOR BUILDING CONTROL



Ref. 1860049 (WM)



Ref. 1860081 (DRM)

Motor controller for roller shutters, screens, exterior Venetian blinds and windows openers.

To individually control up to four 230 V AC motors via local push buttons or in groups with IB+ Controlling Technology.

Available in two versions: wall-mounted (WM) and Din-rail installation (DRM).

Installation advantages

- > Easy and quick commissioning in combination with the animeo IB+ Building Controller.
- > Spring connectors and tension relief with cable ties for safer and quicker installation.
- > Status feedback through LEDs.
- > Easily accessible safety fuses per output.

Functional advantages

- > All windows can be managed independently from each other.
- > Intelligent switching between manual and automatic operation to guarantee excellent user-friendliness and energy savings.
- > Local setting of an intermediate position and of user ergonomics.
- > Upgradable at any time for local controlling through radio Somfy RTS or EnOcean technology.

Wiring

Connection	Cables	Twisted pairs	Max. distance
Motors	Min.: 4 x 0.75 mm ² /18 AWG Max.: 4 x 2.5 mm ² /13 AWG	–	
Switches	Min.: 3 x 0.28 mm ² /22 AWG Max.: 3 x 2.5 mm ² /13 AWG	Recommended	100 m/ 330 ft
IB+ bus	Min.: 4 x 0.28 mm ² /22 AWG Max.: 4 x 1.5 mm ² /15 AWG	Recommended	1000 m/ 3300 ft
220–230 V AC	Min.: 3 x 1.5 mm ² /15 AWG Max.: 3 x 2.5 mm ² /13 AWG	–	

Classification

The Motor Controller is an electronically and manually-operated, independently-mounted control.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 2.5 kV
- Temperature of the ball hardness test: 75 °C
- Type X attachment
- Method of attachment for non-detachable cords: screwless spring terminal
- EMC emission test: $U_{AC} = 230 \text{ V AC}$ $I_{AC} = 0.03 \text{ A}$
(EN 55022 Class B emission)



About Somfy

Somfy's leading smart management solutions for homes and buildings have been improving people's daily lives for over 50 years. Developed with comfort, ease of use, security and sustainability in mind, our innovations automate and connect rolling shutters, curtains and blinds, gates and garage doors, lighting and heating, alarms systems and more. We are committed to creating useful solutions that are accessible to all, designed for today and beyond.

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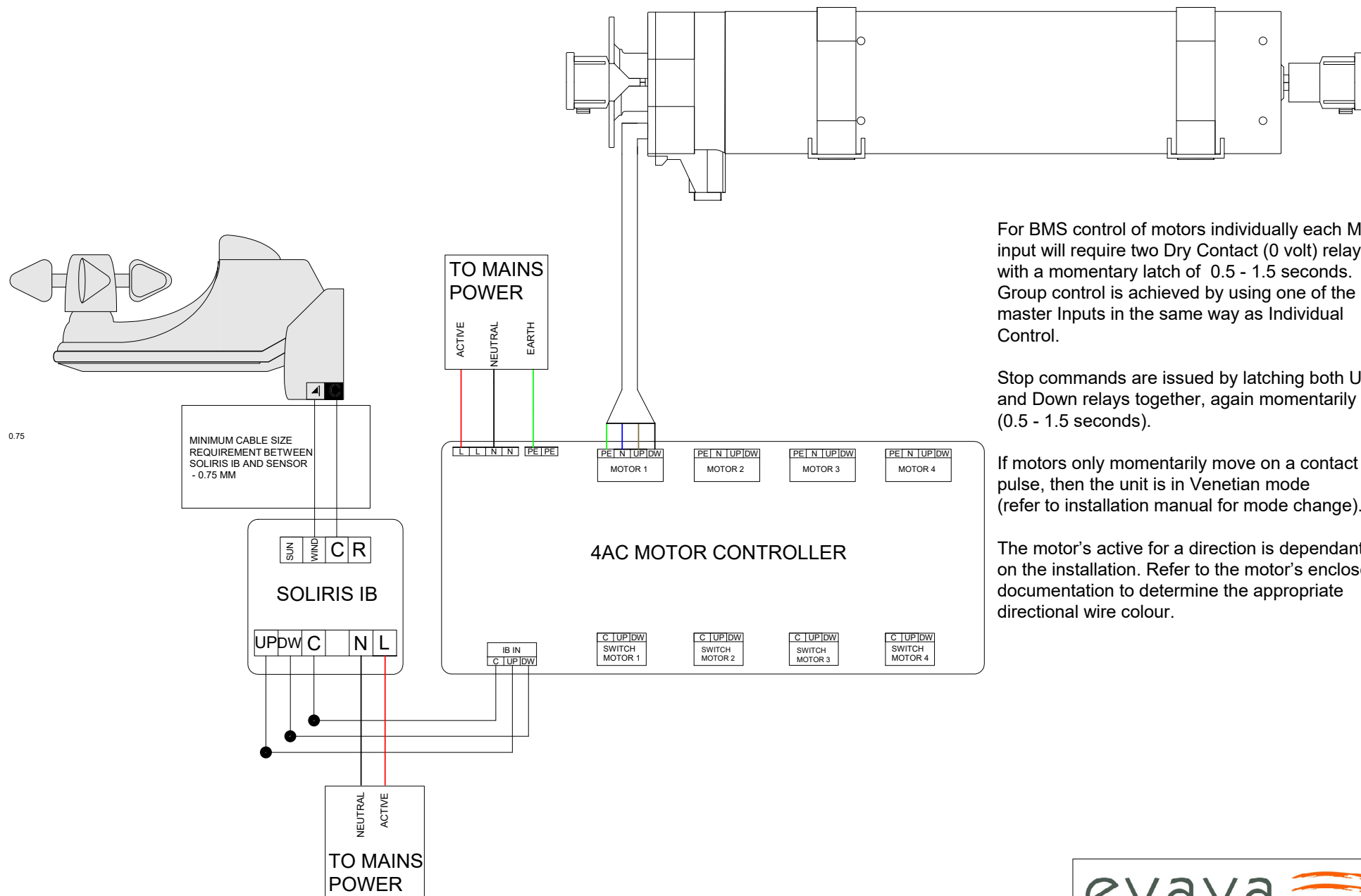
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A BRAND OF **SOMFY** GROUP



4.9 BMS 4AC Motor Controller To Motor and Wind Sensor



For BMS control of motors individually each Motor input will require two Dry Contact (0 volt) relays with a momentary latch of 0.5 - 1.5 seconds. Group control is achieved by using one of the master Inputs in the same way as Individual Control.

Stop commands are issued by latching both Up and Down relays together, again momentarily (0.5 - 1.5 seconds).

If motors only momentarily move on a contact pulse, then the unit is in Venetian mode (refer to installation manual for mode change).

The motor's active for a direction is dependant on the installation. Refer to the motor's enclosed documentation to determine the appropriate directional wire colour.