

4 AC Motor Controller 220-240 V AC WM-0

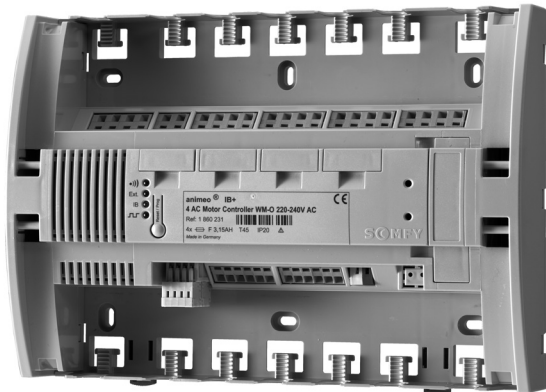
| animeo Solo

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SOLUTIONS FOR COMMERCIAL BUILDINGS



Ref. 1860231

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

To individually control four 230 V AC motors through Somfy RTS technology.

Autonomous solution for energy saving and user comfort.

Installation advantages

- > Simple integration of Philips Occuswitch and the Somfy-Philips interface.
- > Quick installation and connection of the Motor Controller through:
 1. Integrated strain relief. More safety without additional expenditure.
 2. Spring tension terminals and double terminals. Time savings through not having a junction box.
 3. Generous design. More space for the connection of single cables.
 4. Status feedback through LED's.

Functional advantages

- > Automatic switching between manual and automatic priority depending on presence and absence based on room level.
- > Local user overwrite through Somfy radio technology RTS.
- > Smooth dimming of artificial light through Philips Occuswitch.

Wiring

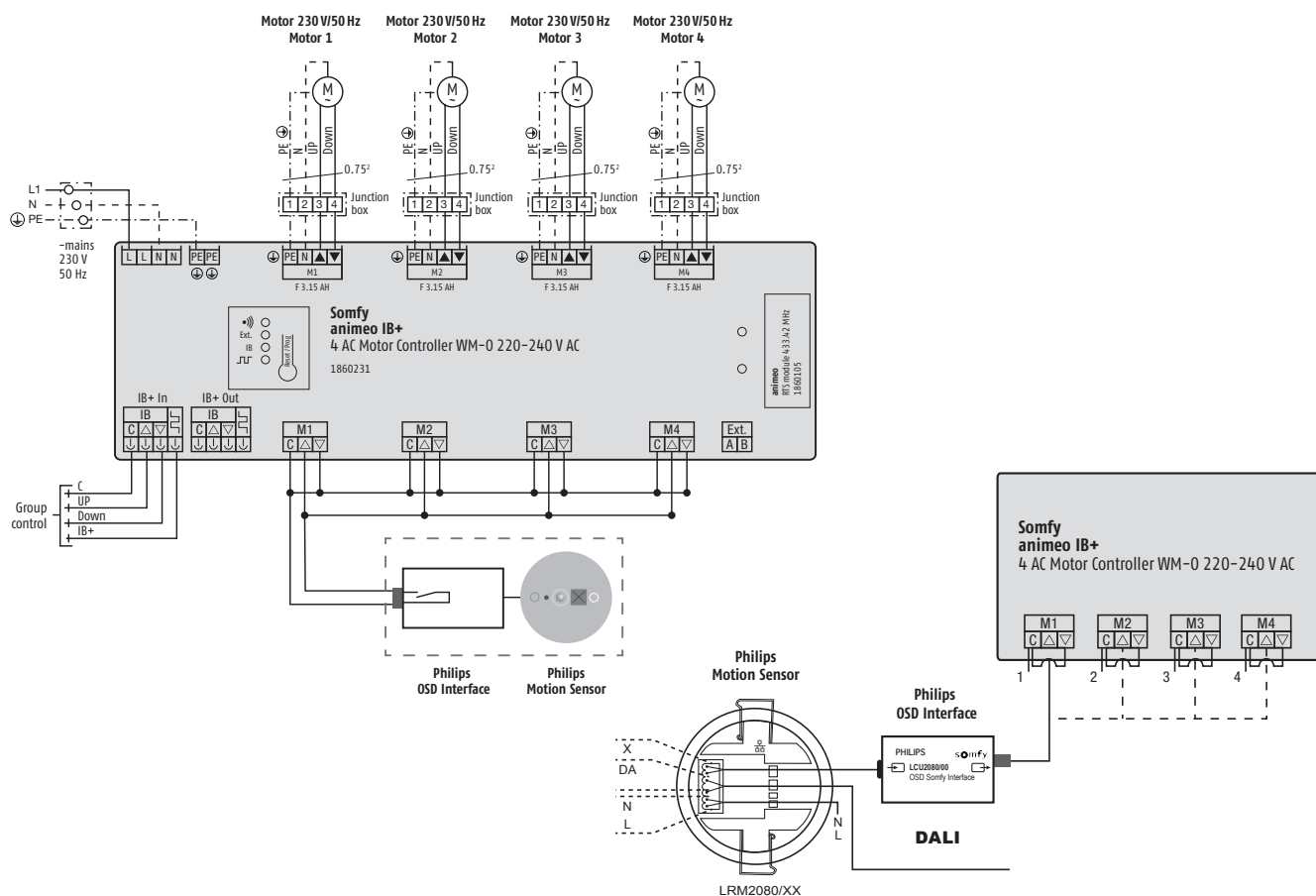
Connection	Cables	Twisted pairs	Max. distance
Motors	Min.: 4 x 0.75 mm ² /19 AWG Max.: 4 x 2.5 mm ² /14 AWG	—	150 m
Philips OSD interface	Min.: 3 x 0.6 mm/22 AWG Max.: 3 x 2.5 mm ² /14 AWG	Recommended	100 m
220-240 V AC	Min.: 3 x 1.5 mm ² /16 AWG Max.: 3 x 2.5 mm ² /14 AWG	—	

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: 4 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: $U_{AC} = 230 V AC$ $I_{AC} = 0.5 A$ (EN 55022 Class B emission)

somfy®



CHARACTERISTICS

Supply voltage	220-240 V AC / 50/60 Hz
Stand-by current (IEC 62301)	< 3 mA @ 230 V AC
Stand-by power (IEC 62301)	< 0,5 W
Max. motor current consumption	4 x 3.0 A, $\cos \varphi = 0.95$
Supply voltage of group control input	SELV, 16 V DC =
Supply voltage of local push buttons	SELV, 16 V DC =
Fuse for all outputs	4 x F 3.15 AH
Terminals	Spring connectors
Running time per output (relay contact)	Max. 5 minutes
Operating temperature	0 °C to 45 °C
Relative humidity	85 %
Material of housing	CC-ABS polycarbonate
Housing dimensions (w x h x d)	180 x 255 x 63 mm
Degree of protection	IP 20
Protection class	II (looped through PE connection - depending on the installation)
Conformity	www.somfy.com/ce