

animeo IB+

4 AC Motor Controller 220-230 V AC WM-P2

Motor controller for roller shutters, screens, exterior Venetian blinds and windows to individually control four 230 V AC motors.

Available in wall-mounted version and designed for Wago Winsta® plug connectors.

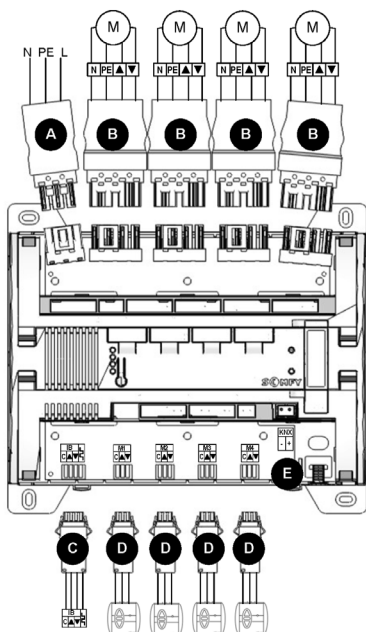
Product Features

- > The use of plug connectors enables time savings and less wiring errors.
- > Flexible installation options: on DIN rail or with screws.
- > Via local standard switches users can control the solar shading to the desired position and overwrite automatic operation.
- > Each motor output can be controlled individually using individual switches.
- > By plugging the RTS receiver (ref. 1860105) into the motor controller at any time, the RTS range of user interfaces can be used.



Ref. 1860293





	Connection to	PCB Connector	Cable connector	Mounting shell	Remarks
A	220-230 V AC	770-813/011-000*	770-103*	(included)	
A'			770-113* via h-connector 770-633*	(included)	Only needed to loop through power
B	Motors	770-804/011-000*	770-114*	(included)	
C	Group Control	734-164*	734-104/037-000*	734-604*	
D	Switches	734-163*	734-103/0347-000*	734-603*	
E	KNX bus		red/black standard connectors, directly on the KNX bus module	734-603*	mounted under housing flap

*Wago ref.

Characteristics

4 AC Motor Controller 220-230 V AC WM-P2	Ref. 1860293
Supply voltage	220-230 V AC / 50/60 Hz
Stand-by current (IEC 62301)	6 mA @ 230 V AC
Stand-by power (IEC 62301)	< 0.5 W @ 230 V AC
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	Wago connectors
Running time per output (relay contact)	Max. 5 minutes
Operating temperature	0 °C to 45 °C
Relative humidity	85 %
Material of housing	PC-ABS
Housing dimensions (w x h x d)	220 x 255 x 63 mm
Degree of protection	IP 20
Protection class	I (looped through PE connection - depending on the installation)
Conformity	www.somfy.com/ce

Wiring

Connection	Cables	Twisted pairs	Max. distance
Motors	Min.: 4 x 0.75 mm ² /19 AWG Max.: 3 x 2.5 mm ² /13 AWG	-	150 m
Switches	Min.: 3 x 0.6 mm ² /22 AWG Max.: 3 x 2.5 mm ² /14 AWG	Recommended	100 m
Group Control	Min.: 3 x 0.6 mm ² /22 AWG Max.: 3 x 1.5 mm ² /16 AWG	Recommended	50 m
IB+ cable	Min.: 4 x 0.6 mm ² /19 AWG Max.: 4 x 1.5 mm ² /16 AWG	Recommended	1000 m
220-230 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 electronic operating control, electrically operated and independently mounted.

- 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 connection for screwless terminals: screwless spring terminal
- EMC emission test: $U_{AC} = 230 \text{ V AC}$ $I_{AC} = 0.03 \text{ A}$
(EN 55022 Class B emission)