

ANIMEO IB+ MOTOR CONTROLLER 4AC SM 230 VAC

SOLUTIONS FOR BIOCLIMATIC FAÇADES



SM Surface mounting version
 Versions and accessories:
 DIN rail mounting (PN 1860081)
 Somfy RTS plug-in card (PN 1860105)
 Somfy EnOcean plug-in card (PN 1860220)

PN 1860049

Functional description

Motor controller for individual or group control of up to 4 asynchronous/single-phase 230VA Somfy motors. The Animeo IB+ control bus manages up to 100 motor controllers per zone, extending the capabilities of the solar shading management system to the requirements of the building as to the daylight management strategy and the end user visual and thermal comfort.

In addition to the network capabilities, this controller can also be operated locally via a standard hardwired wall switch (dry contact) or a wireless operated local switch thanks to the range of plug-in cards available.

INPUTS

Power

Connector type	Quick operation spring-loaded connectors
Number	2 doubled connections (main and through)
Recommended cable section	Min : 3 x 1.5 mm ² Max : 3 x 2.5 mm ²

Dry contact local control

Connector type	Quick operation spring-loaded connectors
Number	4
Recommended cable section	Min : 3 x 0.8 mm ² Max : 3 x 2.5 mm ²
Maximum cable length	100m

Control bus

Connector type	Quick operation detachable spring-loaded connectors
Number	2: doubled connections (main and through)
Recommended cable section	Min : 4 x 0.8 mm ² twisted where possible Max : 4 x 1.5 mm ² twisted where possible
Maximum cable length	1000m
Maximum supported devices per bus line	100

OUTPUTS

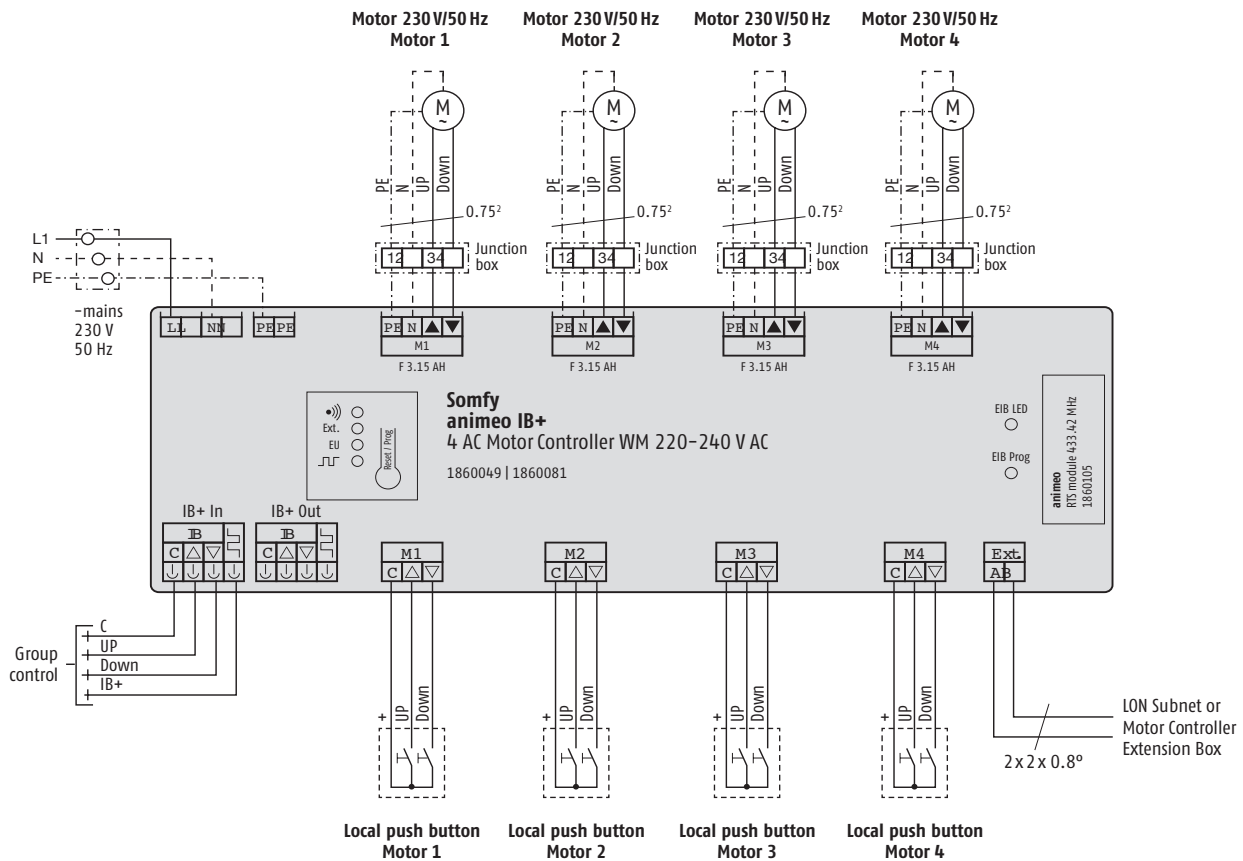
Motor outputs

Connector type	Quick operation spring-loaded connectors
Number	4
Supported motors	Somfy 230V AC asynchronous single-phase
Max. number of motors	4
Recommended cable section	Min : 4 x 0.75 mm ² Max : 4 x 2.5 mm ²
Maximum cable length	150m

QUICK INSTALLATION AND SET UP



somfy®



TECHNICAL SPECIFICATIONS

Supply voltage	220-240 VAC / 50-60 Hz
Stand-by power	<0.5W
Max. motor current consumption	4 x 3.0 A, $\cos \varphi = 0.95$
Supply voltage of group control inputs	SELV, 16 DC=
Supply voltage of local control inputs	SELV, 16 DC=
Terminals	Spring loaded connectors
Running time per output	Max. 5 minutes
Fuse per output	4x F 3.15 AH
Operating temperature	0°C to 45°C
Relative humidity	85%
Enclosure material	CC-ABS polycarbonate
Enclosure dimensions	180 x 255 x 63mm
Degree of protection	IP 20
Protection class	II
Conformity	CE by EN 60730-1
This motor controller is an electronic operated, independently mounted device	Looped-through PE-connection
	Type 1 action
	Pollution degree: 2
	Rated impulse voltage : 4kV
	Ball hardness test temperature: 75°C