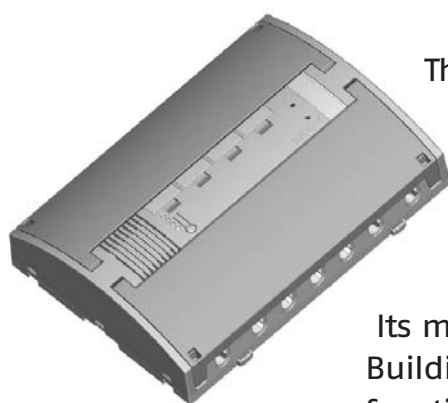


animeo® IB+

4AC Motor Controller

Full movement control



4AC Motor Controller

The 4 AC Motor Controller is the local user, the interface between the Building Controller and 4 motorised blinds or windows. Its enlarged functionalities enable to take advantage of the benefits of each end product.

Its main function is to manage the priorities between the Building Controller and the local controls according to the functioning mode: User comfort, Energy saving or Performance mode.

> Application

- Interface between the Building Controller and 4 motorized blinds or windows via 4AC motors

Micro S, Micro O2



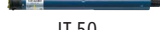
Euro 1



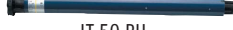
S1



LS 40



LT 50



LT 50 RH

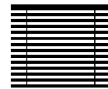


Oriente



Reduced number of products to cover all applications

Exterior Venetian Blind



Solar Shade



Façade Awning



Roller Shutter



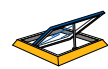
Lateral Arm Awning



Façade Window



Roof Window



> Installation

- 2 different housings for:
 - Wall mounted / False Ceiling/Double floor
 - Electrical Cabinet
- Colour code of connectors
- Sufficient space for the incoming and outgoing cables
- Screwless connectors
- Allows looping through of mains and busses



Flexibility of installation

Assurance of correct connections

Pleasant installation

Fast installation

Easy installation

> Configuration

- Configuration by PC through the Building Controller
- Main settings also directly configurable on the 4AC Motor Controller



User-friendliness of a PC screen

Easy configuration (possible even without PC)



	PC	local
Remote module		x
Running time	x	x
Tilting time	x	x
Application (type of end-product)	x	x
Intermediate positions	x	only 1/2
Switch allocation	x	
Switch ergonomics (EU or US)	x	x

> Usage / Operation

- 4 inputs for local control by fixed wired switches SOMFY
- Local control also possible by remote control with a pluggable module
- Free assignment of switches and channels of transmitters to the motors
- Intermediate position by local control of each end-product
- Additional functions with a Motor Controller Extension Box



Perfect compatibility with Inteco Centralis IB switch of Somfy

Flexibility of use (movement of partition walls, open space floor) with the infrared local control

Individual or group control for each AC motor

Enlarged functionalities to take the advantages of the end products

Modularity of the device

> Maintenance

- LED's on the housing
- 4 fuses (+ a spare one)

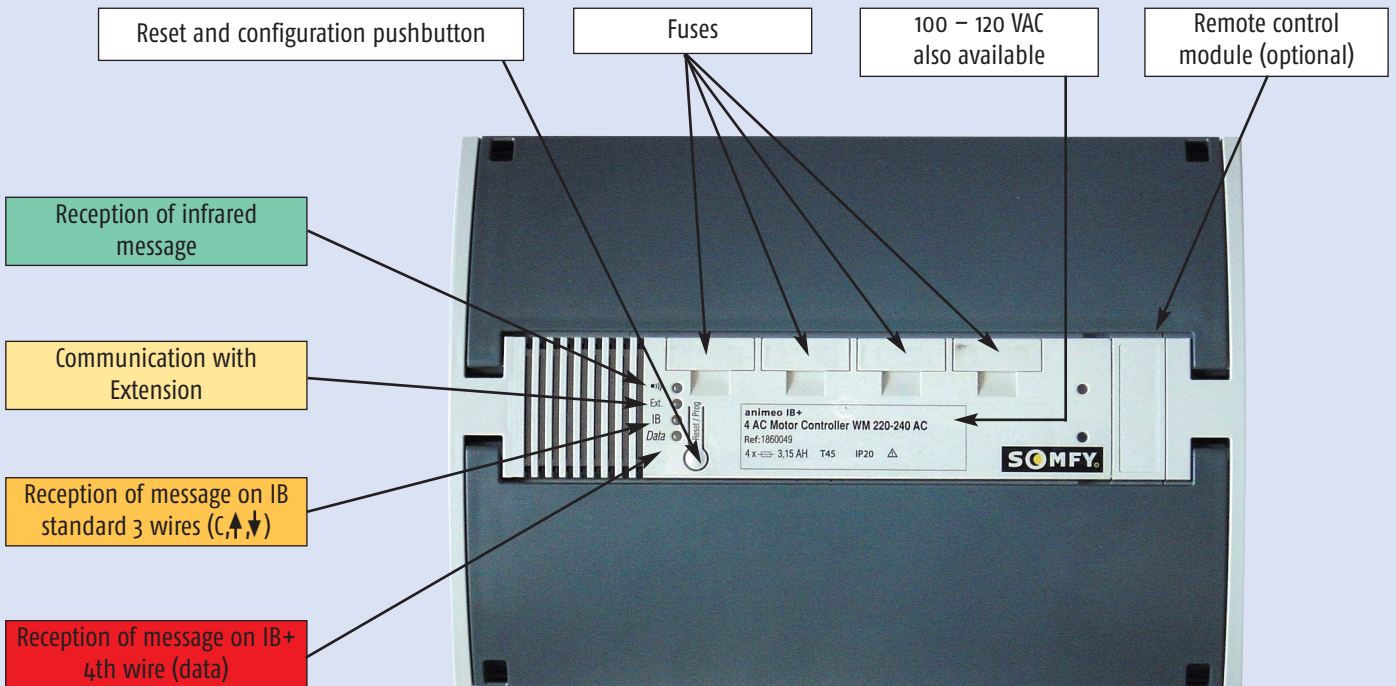


Easy troubleshooting like as broken wires or incorrect cabling

Protection of the 4 AC Motors

Motor Controller Interface

Visualisation of 4 LED's indicating the status of the inputs

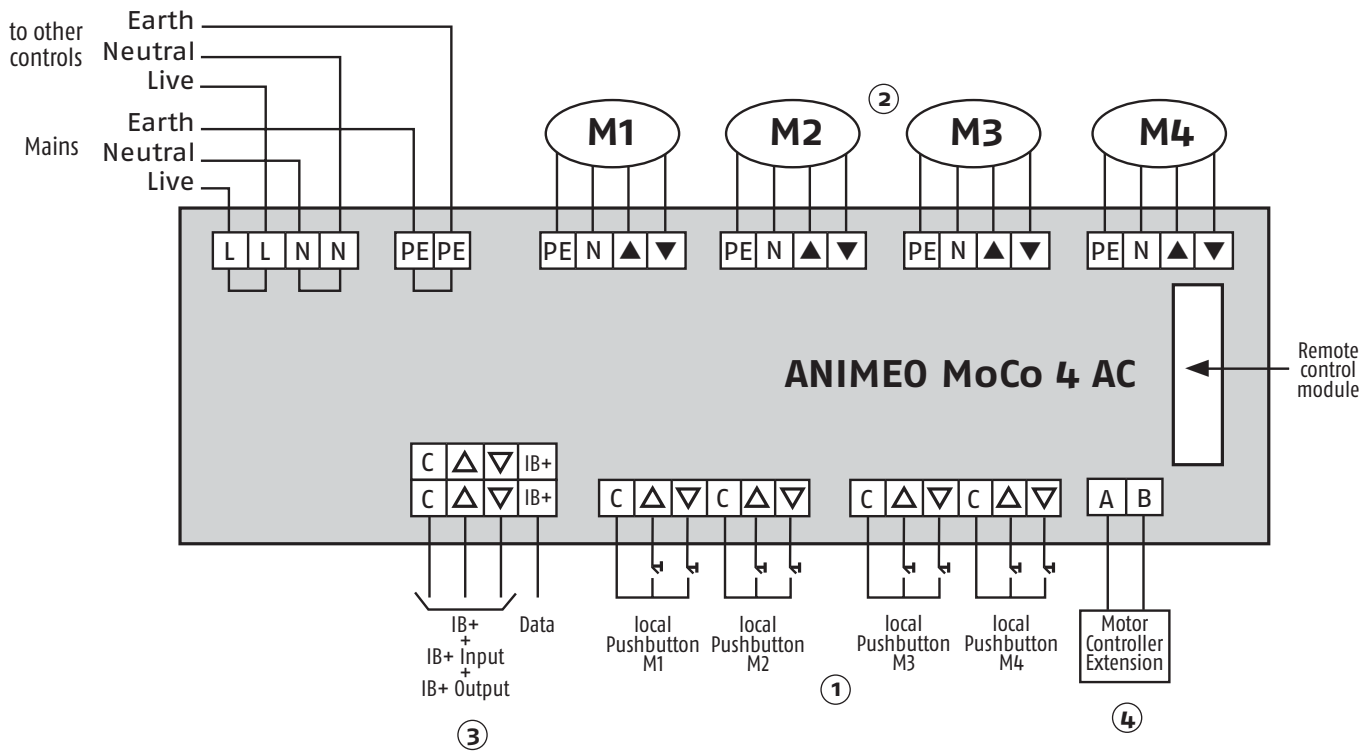


	Successful reception of a message	System errors: bad reception
Green LED	1 sec. on for message from remote command	Fast blinking
Yellow LED	1 sec. on for message from extension	Fast blinking
Orange LED	On as long as any IB line (A, B, Stop) is active	-
Red LED	1 sec. on for IB+ message	Fast blinking

For more information about configuration mode with the pushbutton, see the 4AC Motor Controller installation guide.

TECHNICAL SPECIFICATIONS		
Motor Controller 4 AC IB+		
Supply	Voltage	220 VAC - 240 VAC 100 VAC - 120 VAC
	Frequency	50 Hz - 60 Hz
	Max. operating current (primary)	26 mA (230 VAC) 52 mA (110 VAC)
	Max. motors current consumption	4 x 3,15 A (230 VAC)
		4 x 6,30 A (110 VAC)
Mechanical Data	Housing	Wall mounted DIN Rail mounted
	Length / Height / Width	255 mm / 63 mm / 180 mm 12 TE=210 mm / 63 mm / 90 mm
	Weight	1020 g 650 g
	Plastic	type: CC-ABS polycarbonat
	Housing material	mass: 570 g mass: 210 g Recyclable
Protection Class	IP20	
Operating elements	Configuration mode & Reset pushbutton	
Inputs / Outputs	Short circuit secured	
Local controls	Remote control module	
Fuses	Thermal fuse	Self resetable fuse or Polyswitch
	Per output	4 fuses F3,15AH (230 VAC)
		4 fuses F6,3AH (110 VAC)
Temperature ranges	Operating temperature	0°C to 45°C
	Storage temperature	-20°C to 70°C
	Relative humidity	85%
EMC	EN 60 730-1	
Standards compliance	EN 60 730-, IEC 730 (electric safety devices), EN 60 721-3-1/2	
Approvals	ENEC 10, UL	

Wiring diagram ANIMEO MoCo 4AC



① Inputs of the Motor Controller

'Local command': pushbuttons with stop - Compatibility with Inteo Centralis IB switch of SOMFY

② Outputs of the Motor Controller

'4ACMotor output': Max. current per output: **3,15 A for 220 VAC - 240 VAC**
or **6,30 A for 100 VAC - 120 VAC**

Communication Busses of the Motor Controller

③ IB+ input/output: unidirectional, 4 wires (Stop, Up, Down, 4th digital wire data com)

④ From Motor Controller Extension: bi-directional, 2 wires

Connection	Maximum distance	Type of cable	
		Section / AWG	Twisted pairs
①	100 m	Min. : 3 x 0.6mm ² / 19 AWG Max. : 3 x 2.5mm ² / 13 AWG	-
②	150 m	Min. : 4 x 1.5mm ² / 16 AWG Max. : 4 x 2.5mm ² / 13 AWG	-
③	1000 m	Min. : 4 x 0.6mm ² / 19 AWG Max. : 4 x 1.5mm ² / 16 AWG	Recommended (2 x 2)
④	50 m	Min. : 2 x 0.6mm ² / 19 AWG Max. : 2 x 0.8mm ² / 18 AWG	Obligatory