

BH4-RO5ADC2-230

- Up/down control of 2 rollerblind motors**
- H4-housing**
- For mounting on DIN-rail (EN 50022)**
- LED-indications for supply smart-house carrier and motor up/down**
- AC power supply**
- Channel coding by BGP-COD-BAT**



OUTPUT SPECIFICATIONS

Outputs	2 SPST x 2 DPDT relays	Operating frequency	≤ 7200 operations/h
Resistive loads	DC 13 5 A/24 VDC	Insulation voltage	≥ 4 kVAC (rms)
Mechanical lifetime	≥ 1 x 10 ⁶ operations	Response time	1 pulse train
Electrical lifetime (at max load)	≥ 1 x 10 ⁵ operations		

GENERAL SPECIFICATIONS

Output OFF delay	Upon loss of smart-house carrier	20 ms	Pollution degree	3 (IEC 60664)
Power ON delay		Typ. 2 s	Operating temperature	-20° to +50°C (-4° to +122°F)
Power OFF delay		≤ 1 s	Storage temperature	-50° to +85°C (-58° to +185°F)
Indication for	Supply ON	LED, green	Humidity (non-condensing)	20 to 80%
	Output ON	4 LEDs, red (one per motor or direction)	Mechanical resistance	
	smart-house carrier	LED, yellow	Shock	15 G (11 ms)
Environment	Degree of protection	IP 20 B	Vibration	2 G (6 to 55 Hz)
			Dimensions	
			Material	H4-housing
			(see Technical informations)	
			Weight	300 g

SUPPLY SPECIFICATIONS

Power supply AC types	Installations cat. III (IEC 60664)
Rated operational voltage	
through term. 21 & 22	230 230 VAC ± 10% (IEC 60038)
Frequency	45 to 65 Hz
Drop-out tolerance	≤ 40 ms
Power consumption	Typ. 3.8 VA
Power dissipation	≤ 9 W
Transient protection volt.	230 4 kV
Insulation voltage	
Supply - smart-house	≥ 4 kVAC (rms)
Supply - Outputs	≥ 4 kVAC (rms)
smart-house - Outputs	≥ 4 kVAC (rms)

MODE OF OPERATION

As indicated on the wiring diagram, there are two relays in series to control each motor. O1 is used to switch Motor 1 ON/OFF and O2 is used to control the direction of Motor 1 UP/DOWN. Correspondingly O3 (ON/OFF) and O4 (UP/DOWN) are used to control Motor 2. O1, O2, O3 and O4 may be coded individually by means of the code programmer BGP-COD-BAT. The default setting of the module is to switch all outputs off in case of loss of smart-house carrier signal. The smart-house controller provides intelligent functions that makes it easy for the user to control the rollerblind motors individually or several at the same time (all UP or all DOWN).

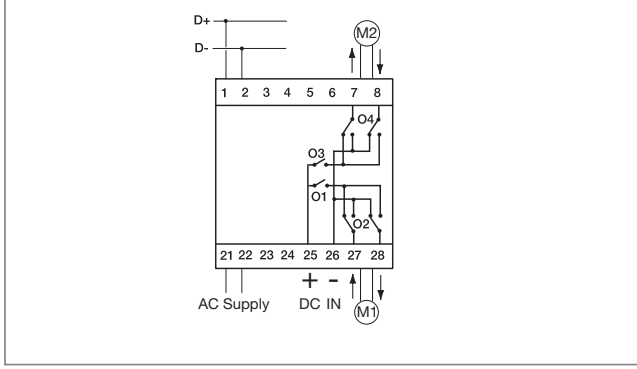
ACCESSORIES

DIN-rail	FMD 411
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TYPE SELECTION

Supply	Ordering no.
230 VAC	BH4-RO5ADC2-230

WIRING DIAGRAM



DIMENSIONS (mm)

