RME 4 I KNX Article number: 4930215

Description



- 4-way C load switching actuator MIX2
- With current recognition
- For higher lamp loads
- Extension module MIX2
- For upgrading to maximum of 12 channels
- Up to two extension modules MIX or MIX2 can be connected to one base module
- Device and KNX bus module can be swapped independently of each other
- Removable KNX bus module enables devices to be changed without reprogramming
- Manual set-up and use of switching actuators is possible without KNX bus module
- LED switching status display for each channel
- Manual operation on device (even without bus connection)
 - Adjustable characteristics: e.g. switching, delayed switching, pulse function
 - Links, type of contact (NC contact/NO contact) and participation in central commands such as continuous On, continuous Off, central switching and save/call up scene
- Switching functions: On/Off, pulse, On/Off delay, staircase light with warning
- Logical links: e.g. lock, AND, release, OR

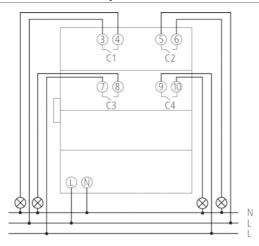
Technical data

Stand-by consumption ~0 W Capacity loss max. 2,4 W Installation type DIN rail Width 4 modules Type of connection Screw terminals Max. cable cross section Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² Number of channels 4 Type of contact NO contact, 16 A, 10 A Opening width < 3 mm Resistive load 3680 W Capacitive load 200 μF Incandescent lamp load (conventional) parallel-corrected 2600 W Fluorescent lamp load (electronic ballast) 1650 W Energy saving lamps 410 W LED lamp < 2 W	Operating voltage	110 – 240 V AC
Capacity loss max. 2,4 W Installation type DIN rail Width 4 modules Type of connection Screw terminals Max. cable cross section Max. cable cross section Number of channels 4 Type of contact NO contact, 16 A, 10 A Opening width <a #"="" href="</td><td>Frequency</td><td>50 – 60 Hz</td></tr><tr><td>Installation type DIN rail Width 4 modules Type of connection Screw terminals Max. cable cross section Max. cable cross section Number of channels 4 Type of contact No contact, 16 A, 10 A Opening width < 3 mm Resistive load 3680 W Capacitive load 10 μF Incandescent lamp load (conventional) parallel-corrected Fluorescent lamp load (electronic ballast) Fluorescent lamp load (electronic ballast) Energy saving lamps 410 W LED lamp < 2 W LED lamp > 8 W Inrush current Max. cable cross section Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² to 4.10 A Opening width < 3 mm Resistive load 200 μF Incandescent lamp load 2000 W 2000 W 2000 W 2000 μF) 1650 W LED lamp > 8 W 850 W LED lamp > 8 W Notage output A modules Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 4 mm² Stranded wire with end sleeve: 0.5 mm² Strande</td><td>Stand-by consumption</td><td>~0 W</td></tr><tr><td>Width 4 modules Type of connection Screw terminals Max. cable cross section Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² Number of channels 4 Type of contact NO contact, 16 A, 10 A Opening width < 3 mm</td> Resistive load 3680 W Capacitive load 200 μF Incandescent lamp load 2600 W Fluorescent lamp load (conventional) parallel-corrected 2000 W (200 μF) Fluorescent lamp load (electronic ballast) 1650 W Energy saving lamps 410 W LED lamp < 2 W</td> 75 W LED lamp > 8 W 850 W Inrush current max. 1500 A / 200 μs Voltage output 240 V AC</td><td>Capacity loss max.</td><td>2,4 W</td></tr><tr><td>Type of connection Screw terminals Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² Number of channels 4 Type of contact NO contact, 16 A, 10 A Opening width <a< td=""><td>Installation type</td><td>DIN rail</td></a<>	Installation type	DIN rail
Max. cable cross section Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² to 2.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² to 2.5 mm² load. No contact, 16 A, 10 A Opening width Resistive load Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² load. No contact, 16 A, 10 A Opening width 3680 W Capacitive load 200 μF Incandescent lamp load (conventional) accorded by a conventional load. Fluorescent lamp load (conventional) accorded by a conventional load. Fluorescent lamp load (electronic ballast) Fluorescent lamp load (electronic ballast) 1650 W LED lamp < 2 W 75 W LED lamp > 8 W LED lamp > 8 W Inrush current max. 1500 A / 200 μs Voltage output	Width	4 modules
Max. cable cross section mm² to 2.5 mm² Number of channels 4 Type of contact NO contact, 16 A, 10 A Opening width < 3 mm	Type of connection	Screw terminals
Type of contact NO contact, 16 A, 10 A Opening width 2 mm Resistive load 3680 W Capacitive load 200 μF Incandescent lamp load 2600 W Fluorescent lamp load (conventional) parallel-corrected Fluorescent lamp load (electronic ballast) Fluorescent lamp load (el	Max. cable cross section	
Opening width Resistive load 3680 W Capacitive load 200 μF Incandescent lamp load Fluorescent lamp load (conventional) parallel-corrected Fluorescent lamp load (electronic ballast) Fluorescent lamp load (electronic ballast) Energy saving lamps 410 W LED lamp < 2 W LED lamp 2-8 W LED lamp > 8 W Inrush current Max. 1500 A / 200 μS Voltage output	Number of channels	4
Resistive load 3680 W Capacitive load 200 µF Incandescent lamp load 2600 W Fluorescent lamp load (conventional) parallel-corrected 2000 W (200 µF) Fluorescent lamp load (electronic ballast) 1650 W Energy saving lamps 410 W LED lamp < 2 W 75 W LED lamp 2-8 W 850 W LED lamp > 8 W 850 W Inrush current max. 1500 A / 200 µs Voltage output 240 V AC	Type of contact	NO contact, 16 A, 10 A
Capacitive load Incandescent lamp load 2600 W Fluorescent lamp load (conventional) parallel-corrected Fluorescent lamp load (electronic ballast) Energy saving lamps 410 W LED lamp < 2 W LED lamp 2-8 W LED lamp > 8 W Inrush current Max. 1500 A / 200 μs Voltage output	Opening width	< 3 mm
Incandescent lamp load 2600 W Fluorescent lamp load (conventional) parallel-corrected 1650 W Energy saving lamps 410 W LED lamp < 2 W LED lamp 2-8 W LED lamp > 8 W Inrush current max. 1500 A / 200 μs Voltage output	Resistive load	3680 W
Fluorescent lamp load (conventional) parallel-corrected Fluorescent lamp load (electronic ballast) Energy saving lamps 410 W LED lamp < 2 W LED lamp 2-8 W LED lamp > 8 W Inrush current Max. 1500 A / 200 µs Voltage output 2000 W (200 µF)	Capacitive load	200 μF
parallel-corrected 2000 W (200 μF) Fluorescent lamp load (electronic ballast) 1650 W Energy saving lamps 410 W LED lamp < 2 W	Incandescent lamp load	2600 W
ballast) 1050 W Energy saving lamps 410 W LED lamp < 2 W	Fluorescent lamp load (conventional) parallel-corrected	2000 W (200 μF)
LED lamp < 2 W 75 W LED lamp 2-8 W 850 W LED lamp > 8 W 850 W Inrush current max. 1500 A / 200 μs Voltage output 240 V AC	Fluorescent lamp load (electronic ballast)	1650 W
LED lamp 2-8 W 850 W LED lamp > 8 W 850 W Inrush current max. 1500 A / 200 μs Voltage output 240 V AC	Energy saving lamps	410 W
LED lamp > 8 W 850 W Inrush current max. 1500 A / 200 μs Voltage output 240 V AC	LED lamp < 2 W	75 W
Inrush current max. 1500 A / 200 μs Voltage output 240 V AC	LED lamp 2-8 W	850 W
Voltage output 240 V AC	LED lamp > 8 W	850 W
- · ·	Inrush current	max. 1500 A / 200 μs
Switching output Potential-free	Voltage output	240 V AC
	Switching output	Potential-free

Article number: 4930215

Switching of various phases	Possible
Suitable for SELV	Yes if all channels switch at SELV
Accuracy current measurement	I > 1 A: ± 8 % of measured value; I < 1 A: ± 100 mA; lowest measurable value: 150 mA
C load	
Туре	Extension module
Ambient temperature	-5 °C +45 °C
Type of protection	IP 20
Protection class	II according to EN 60 669

Connection example



Scale drawings

