KNX Universal Module 8 IN / 8 OUT - C-Load

The DIN rail Module is an EIB/KNX DIN rail mounting device useful to interface commands (e.g. push buttons) or loads (e.g. lamps) for any kind of applications.

The device is equipped with 8 binary inputs (potential free) and 8 relay outputs. Inputs can be connected to conventional switching devices, e.g. push buttons, switches, floating contacts, for switching functions with pulse edge evaluation (e.g. rising or falling edge, toggle, etc. …). Inputs can be configured with ETS, as output channels to drive LEDs in synoptic monitoring panels. Inputs can be used to for switch, dimming, shutter control, scenarios; outputs include switching function, scenarios, logic functions. Relay from 5 to 8 are equipped with manual command and can be switched manually.

Technical data:	
Power supply from EIB/KNX bus	
Voltage	21 – 30 V DC
Current consumption from EIB/KNX	< 15 mA
Anschlüsse	
	Bus cable, bus connecting terminal, conductor cross-section max. 0.8 mm²
Outputs	2 screw connectors by channel max. section 4 mm²
Inputs	2 screw terminals every 2 inputs, max. section 4 mm²
Features	
	8 binary inputs for potential-free contacts
	Max. length 30 m twisted cables
Features relay outputs	
Resistive loads	max. 16 A
Incandescent lamps	max. 10 A
Motors and motor reductors	max. 10 A
Fluorescent lamps electronic transformer	max. 6 A
Fluorescent lamps (max. 140 µF)	max. 3 A (700 W)
Environmental specifications	
Operative temperature	0 °C - +45 °C
Storage temperature	-20 °C - +55 °C
Relative humidity	Max. 90% (not condensing)
Mounting / Dimensions	
Dimensions	72 x 90 x 58 mm (W x H x D)
Weight	ca. 180 g
Mounting	4 DIN Module (1 SU = 18 mm)

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