MCX402-BRD

I/O Expander with Wiegand Interface

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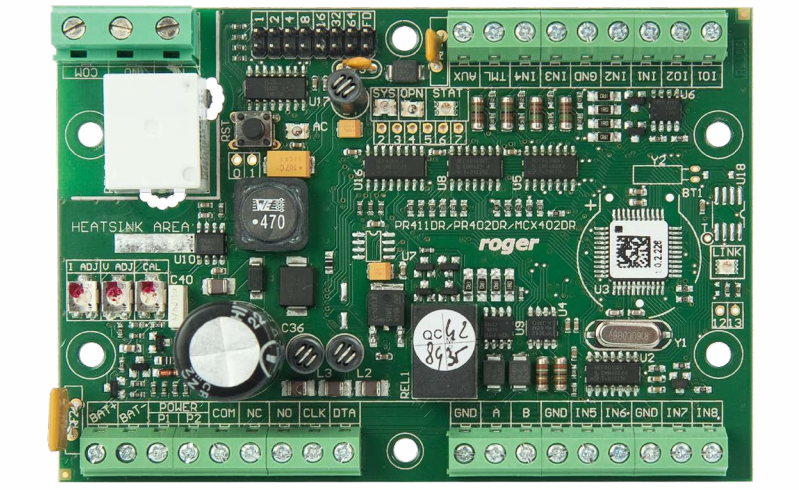

The MCX402-BRD is the RACS 5 system I/O expander dedicated to managing 1 read-in/read-out or 2 read-in doors. The device is equipped with a supervised buffered power supply and a set of IO lines, including 2 relay outputs. Two Wiegand readers or two PRT series readers (RACS CLK/DTA interface) can be connected to the expander; however, for PRT readers, the internal firmware must be uploaded. MCX402-BRD provides a 0.2 A supply output for the readers and a 1.0 A supply output for door equipment (lock, siren, etc.). The expander is supplied from an 18 V/40 VA transformer and connected to the access controller through RS485 lines. Any type of signal wire can be used for RS485 lines and laid down using free cable topology. Optionally, the expander can be supplied from an 18 V/50 VA transformer and supported by the PS1A-LCK power supply module. In such a case the entire system offers 2 x 1.0 A and 2 x 0.2 A supply outputs. MCX402-BRD is offered as an electronic module dedicated to installation on DIN rail.

Features:

- 2 door expander for RACS 5 system
- supports 2 Wiegand readers (26-66bit)
- supports 2 PRT series readers (RACS CLK/DTA)
- 8 inputs NO/NC
- relay output 30 V/1.5 A
- relay output 30 V/5.0 A
- 2 transistor outputs 15 VDC/1.0 A
- supply output 12 VDC/1.0 A
- supply output 12 VDC/0.2 A
- supplied from 18 VAC/12 VDC/24 VDC
- built-in supervised 1.5 A power supply
- supports 7 Ah battery
- RS485 free topology
- CE mark

Ordering guide	
Item	*Description*
MCX402-BRD	1 door expander; battery charge and maintenance; 1.2 A power supply output; 18 VAC/40 VA power supply; Wiegand interface for 2 readers

Roger sp. z o.o. sp. k.
Gościszewo 59
82-400 Sztum
Poland

T. +48 55 272 0132
F. +48 55 272 0133
E. roger@roger.pl
I. www.roger.pl