

Data sheet



RCO 814D-E

Application

Controlesta RCO 814D-E is an Input/Output Expander Module. The module can be used for the expansion of the inputs and outputs of the RCO 5/8... Controller Series. Up to 2 Expander Modules can be connected to a controller of RCO 5/8... Series. A 10-pin ribbon cable (RCO 000D-E) is included for connection to a RCO8... controller. The connection to a RCO 5... controller is made via a 10-pol ribbon cable with adapter coupling (RCO 000D-A).

Features

- I/O bus
- 8 digital inputs
- 6 digital outputs
- DIN-rail mounting
- Screw terminals
- Approved to European EMC standards CENELEC EN 60 730-1:2016 + A1:2019 and EN 61000-6-22:2019 011
- CE-Approval



Environmental conditions

Ambient temperature	0 ... 50 °C
Storage temperature	-20 ... 60 °C
Ambient humidity	5 ... 85 % rh., non condensing
Protection Class	II

Execution

Housing	plastic, for DIN-rail mounting
Production	According to ROHS
Dimensions	w x h x d, 105 x 112 x 58 mm
Weight	255 g

Electrical data

Power supply	24 VAC/DC +/- 10%, class II
Power consumption	8,5 W
I/O bus to RCO 8...	10-pin ribbon cable RCO 000D-E
I/O bus to RCO 5...	10-pin ribbon cable RCO 000D-A
Attention at RCO5...	Connect and disconnect only in idle condition!
Wire capacity	14 ... 24 AWG (0,25 ... 2,5 mm ²)
Main tightening torque	4 In-lb (0,45 Nm)
Protection acc. to EN60529	IP 20

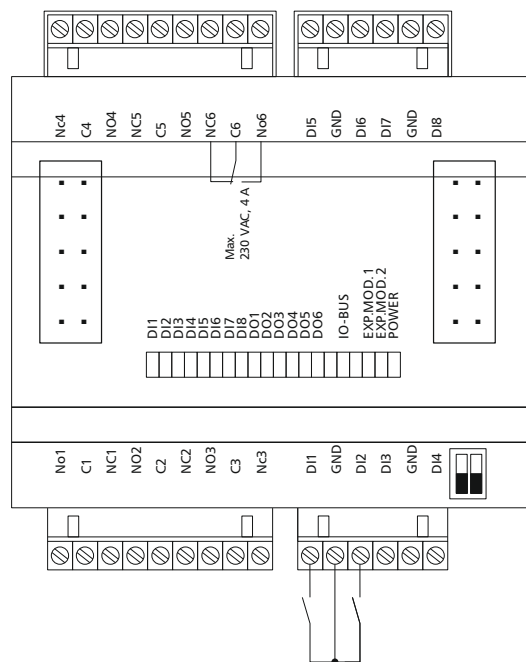
Function data

- Inputs:** 8 digital inputs, for potential free or -marked contacts
(24 VAC/DC)
Counter up to 24 VAC/DC up to 20 Hz, pulse length > 1 ms
- Per input a two-color LED is integrated which can be configured
- LED active on 0 or 1 configurable
- Outputs:** 6 digital outputs with changeover contact for 230 V / 4 A
- Per output a two-color LED is integrated
- | | |
|-------------------|-----------|
| output active | LED green |
| output not active | LED off |

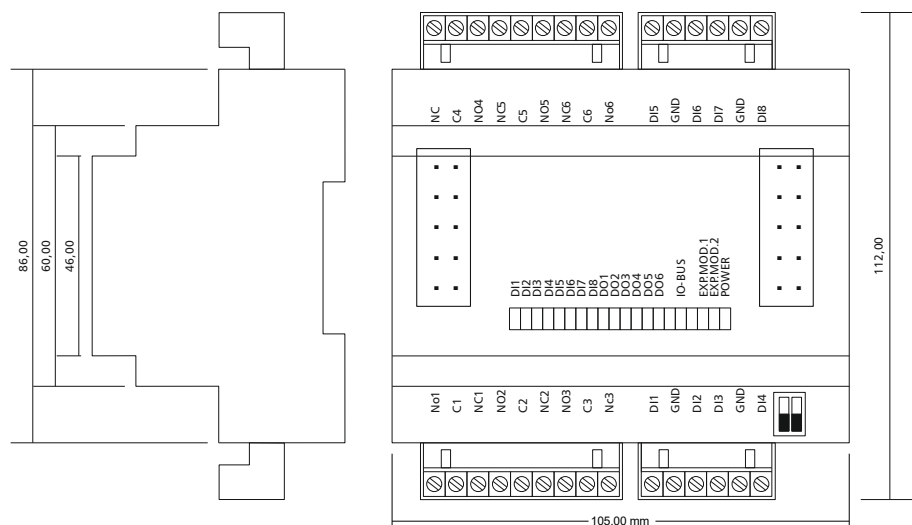
DIP-switch settings



Connection allocation



Dimension drawing



Delivery scope

RCO 814D-E
1 x connection cable to RCO 8... Type: RCO 000D-E