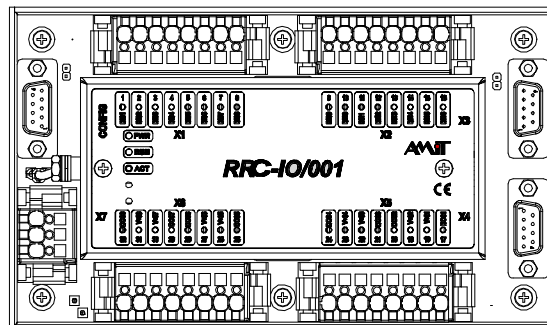


RRC-IO/001

Remote I/O unit with CANopen DS 401 protocol

- 16 × digital input 24 V DC without GS*)
- 8 × digital output 24 V DC without GS
- Supplying voltage measuring
- 1 × CAN with GS, chained connectors
- Power supply 24 V DC
- Design meets the EN 50155 standard



TECHNICAL DATA

Digital inputs	16 × 24 V DC
Input voltage maximum range	± 40 V DC
Digital outputs (MOS)	8 × 24 V DC
Switched current	Max. 4 A/output
Shortcut protection	Yes
Polarity reversal protection	Yes
CAN interface	1 ×
Communication protocol	CANopen DS 401
Terminating resistor	External
Galvanic separation	Yes **)
CAN interface connection	2 × CANON 9 (chaining)
Configuration	By RRC-KM module
Supplying voltage	24 V DC -30 to +25 %
Maximum power consumption ***)	100 mA at 24 V DC
Operating temperature	-40 to +70 °C
Storage temperature	-40 to +70 °C
Maximum ambient humidity	< 95 % non-condensing
I/O signal connection	WAGO X-COM 769 (5,08 mm) connectors
Mounting form	DIN 35 mm rail mounting
Cover protection rate	IP30
Dimensions (w × h × d)	170 × 100 × 108 mm
Weight	1250 g

*) Galvanic separation.

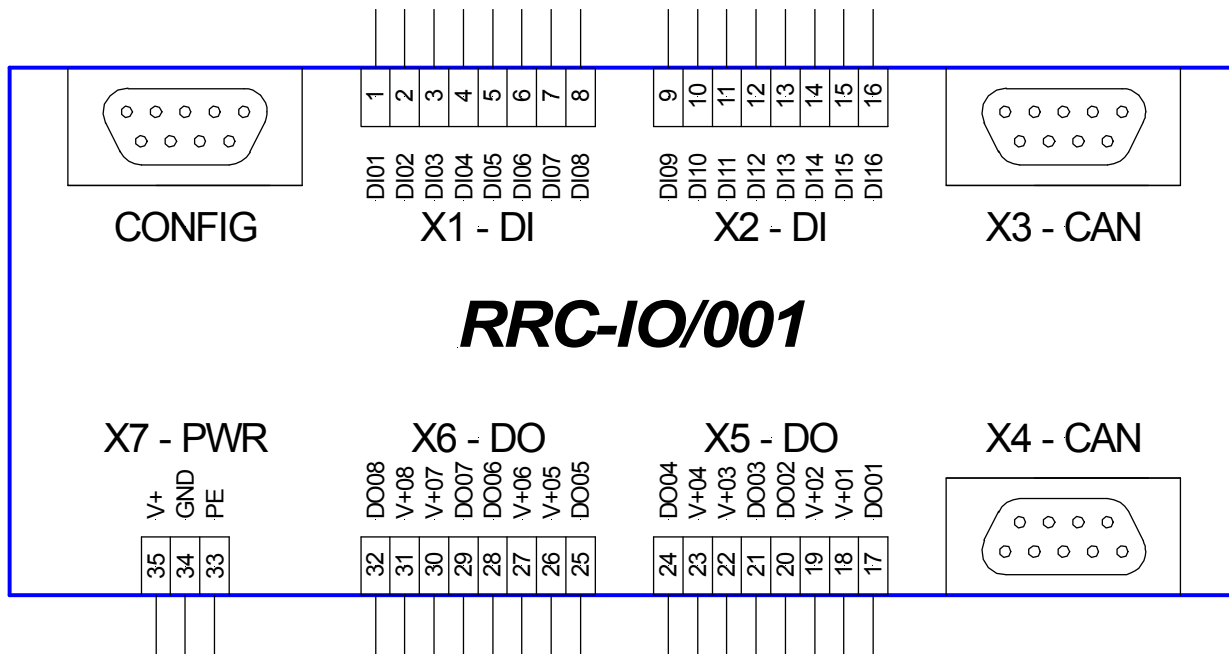
**) Isolation strength of galvanic separation 600 V AC/1 min. Isolation may not be used for dangerous voltage separation.

***) Without inputs/outputs.

ORDERING INFORMATION

RRC-IO/001	Remote I/O unit with CANopen DS 401 protocol, warranty certificate, operation instructions
RRC-KM	Configuration module, warranty certificate, datasheet

RECOMMENDED DRAWING SYMBOL



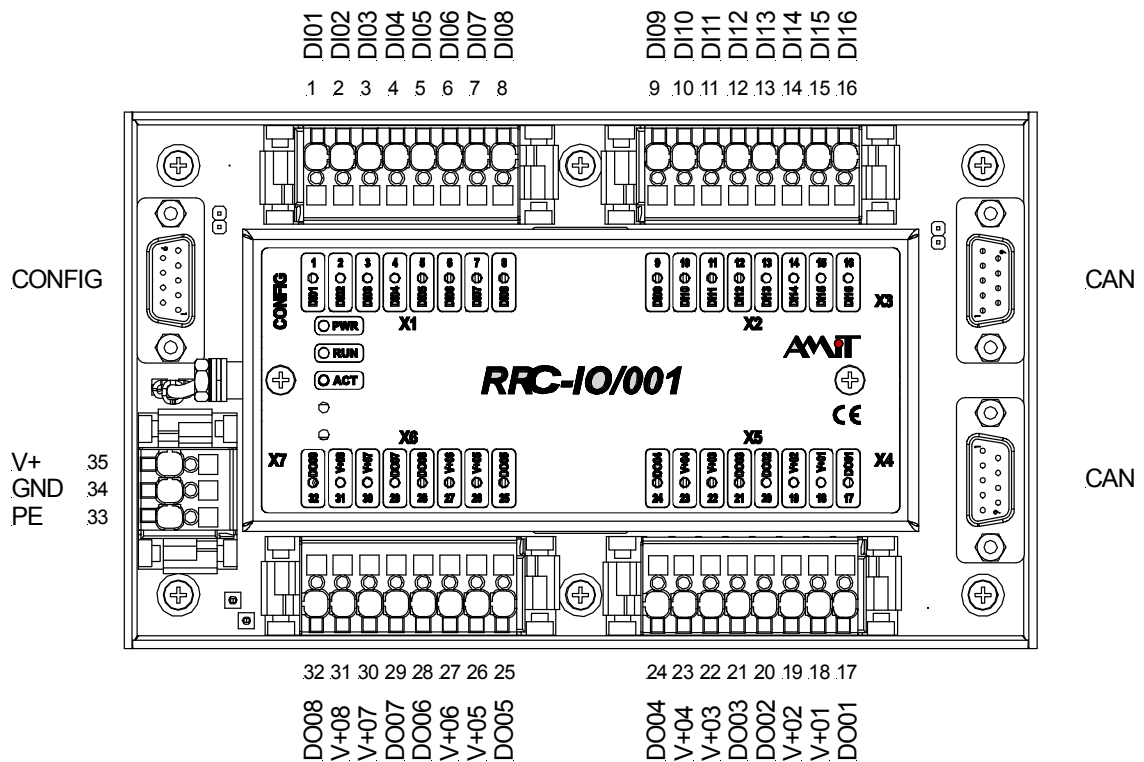
TERMINALS IDENTIFICATION

Terminal	Connector	Label	Meaning
1 to 16	X1, X2	DI1 to DI16	Digital input without galvanic separation
17	X5	DO01	Digital output without galvanic separation
18		V+01	Supplying of DO01 output
19		V+02	Supplying of DO02 output
20		DO02	Digital output without galvanic separation
21		DO03	Digital output without galvanic separation
22		V+03	Supplying of DO03 output
23		V+04	Supplying of DO04 output
24		DO04	Digital output without galvanic separation
25	X6	DO05	Digital output without galvanic separation
26		V+05	Supplying of DO05 output
27		V+06	Supplying of DO06 output
28		DO06	Digital output without galvanic separation
29		DO07	Digital output without galvanic separation
30		V+07	Supplying of DO07 output
31		V+08	Supplying of DO08 output
32		DO08	Digital output without galvanic separation
33	X7	PE	Module chassis
34		GND	Power supply GND
35		V+	Power supply 24 V DC

RRC-IO/001

Remote I/O unit with CANopen DS 401 protocol

TERMINAL LOCATION



PHYSICAL DIMENSIONS

