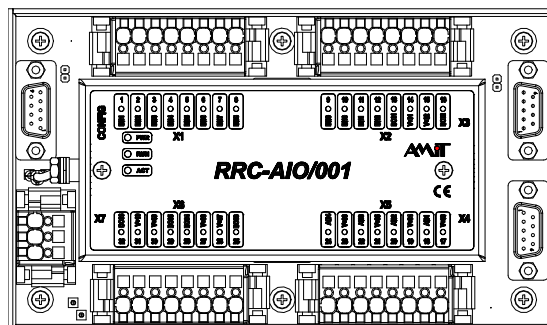


RRC-AIO/001

Remote I/O unit with CANopen DS 401 protocol

- 12 × digital input 24 V DC without GS*)
- 6 × digital output 24 V DC without GS
- 4 × analogue input, 0 to 20 mA DC
- Supplying voltage measuring
- 1 × CAN with GS, chained connectors
- Power supply 24 V DC
- Design meets the EN 50155 standard



TECHNICAL DATA

Digital inputs	12 × 24 V DC
Input voltage maximum range	± 40 V DC
Digital outputs (MOS)	6 × 24 V DC
Switched current	Max. 4 A/output
Shortcut protection	Yes
Polarity reversal protection	Yes
Analogue inputs	4 ×
Inputs measuring range	0 to 20 mA DC
Converter resolution	10 bit
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
Power supply	24 V DC -30 to +25 %
Maximum power consumption ***)	100 mA at 24 V DC
Others	
I/O signal connection	WAGO X-COM 769 (5,08 mm) connectors
Cover protection rate	IP30
Operating temperature	-40 to +70 °C
Storage temperature	-40 to +70 °C
Maximum ambient humidity	<95 % non-condensing
Mounting form	DIN 35 mm rail mounting
Weight	1250 g
Dimensions (w × h × d)	170 × 100 × 108 mm

*) Galvanic separation.

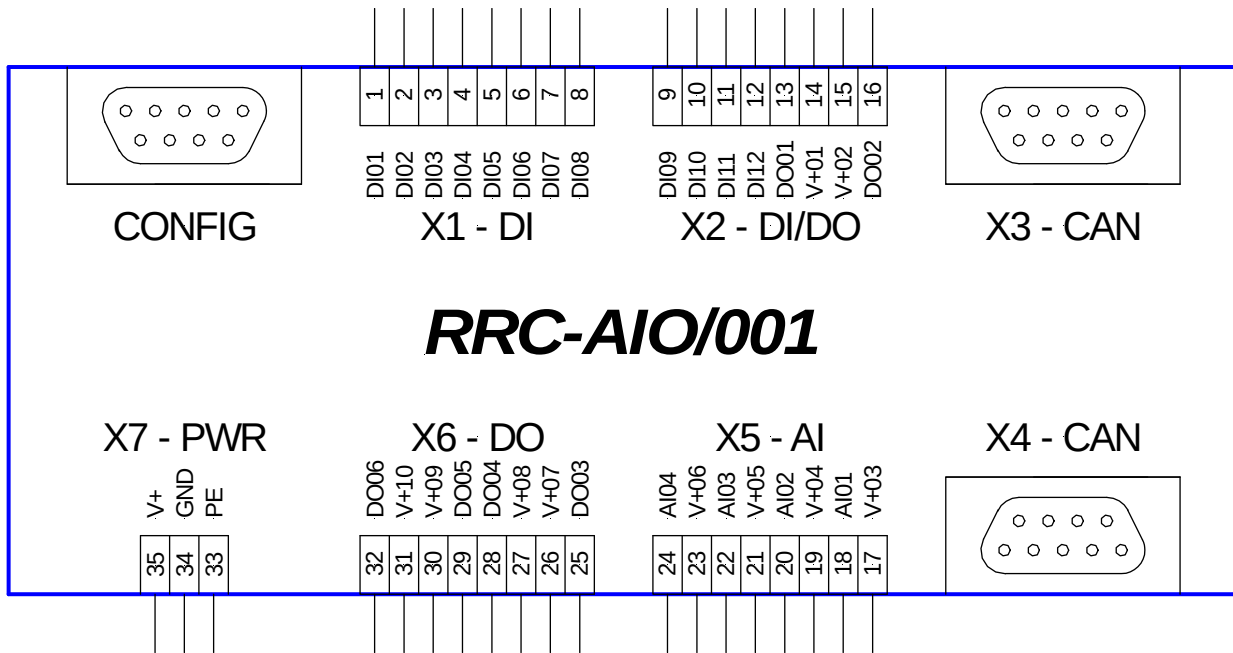
**) Isolation strength of galvanic separation 600 V AC/1 min. Isolation may not be used for dangerous voltage separation

***) Without inputs/outputs.

ORDERING INFORMATION

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

RECOMMENDED DRAWING SYMBOL



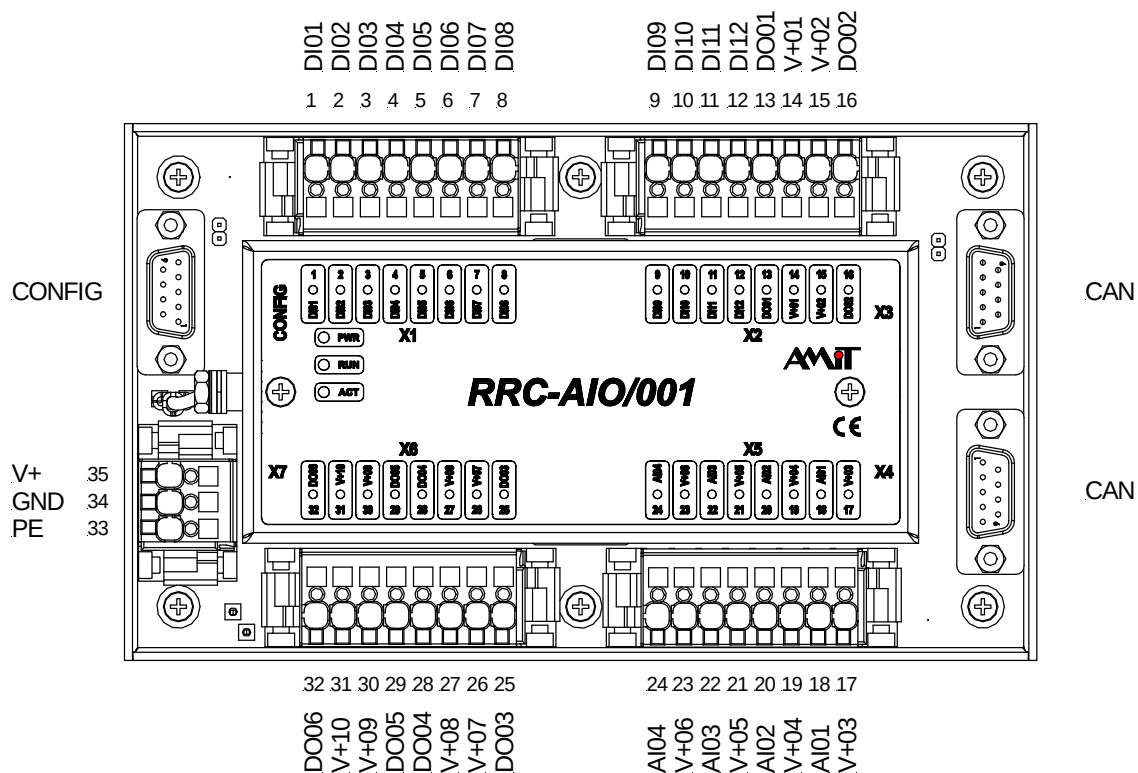
TERMINALS IDENTIFICATION

Terminal	Connector	Label	Meaning
1 to 12	X1, X2	DI1 to DI12	Digital input without galvanic separation
13	X2	DO01	Digital output without galvanic separation
14		V+01	Supplying of DO01 output
15		V+02	Supplying of DO02 output
16		DO02	Digital output without galvanic separation
17	X5	V+03	24 V DC for sensor supplying
18		AI01	Analogue input
19		V+04	24 V DC for sensor supplying
20		AI02	Analogue input
21		V+05	24 V DC for sensor supplying
22		AI03	Analogue input
23		V+06	24 V DC for sensor supplying
24		AI04	Analogue input
25	X6	DO03	Digital output without galvanic separation
26		V+07	Supplying of DO03 output
27		V+08	Supplying of DO04 output
28		DO04	Digital output without galvanic separation
29		DO05	Digital output without galvanic separation
30		V+09	Supplying of DO05 output
31		V+10	Supplying of DO06 output
32		DO06	Digital output without galvanic separation
33	X7	PE	Module chassis
34		GND	Power supply GND
35		V+	Power supply 24 V DC

RRC-AIO/001

Remote I/O unit with CANopen DS 401 protocol

TERMINAL LOCATION



PHYSICAL DIMENSIONS

