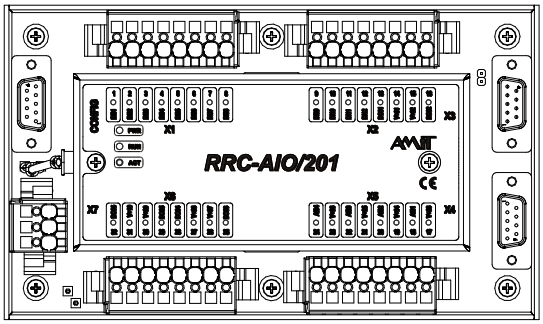
Industrial
Control Systems

RRC-AIO/201

Remote I/O Unit with CANopen DS401 Protocol

- **12 × digital input without GS*), 24 V DC**
- **6 × digital output without GS, 24 V DC**
- **4 × analogue input, 0 V to 15 V DC**
- **Power supply measuring**
- **1 × CAN with GS , connectors concatenation**
- **Power supply 24 V DC**
- **Designed in accordance with EN 50155**



TECHNICAL DATA

Digital inputs	12 × 24 V DC
Max. range of input voltage	± 40 V
Digital outputs (MOS)	6 × 24 V DC
Switching current	Max. 4 A / output
Short circuit protection	Yes
Reverse polarity protection	Yes
Analogue inputs	4 ×
Input measuring ranges	0 V to 15 V
Converter resolution	12 bits
CAN interface	1 ×
Communication protocol	CANopen DS 401
Terminating resistor	External
Galvanic separation	Yes **)
Connection	2 × CANON 9 (concatenation)
HW configuration	By RRC-KM module
Power supply	24 V DC, -30 % to +25 %
Max. power consumption ***)	100 mA at 24 V DC
Others	
I/O signals connection	Connectors WAGO X-COM 769 (5,08 mm)
Cover protection rate	IP30
Operating temperature	-40 °C to 70 °C
Storage temperature	-40 °C to 70 °C
Max. ambient humidity	< 95 % non-condensing
Mounting	35 mm DIN rail
Weight	1250 g
Dimensions (w × h × d)	(170 × 100 × 111) mm

*) Galvanic separation.

**) Insulation strength of galvanic separation is 600 V AC/1 min. Insulation may not be used for unsafe voltage separation

***) Without inputs/outputs.

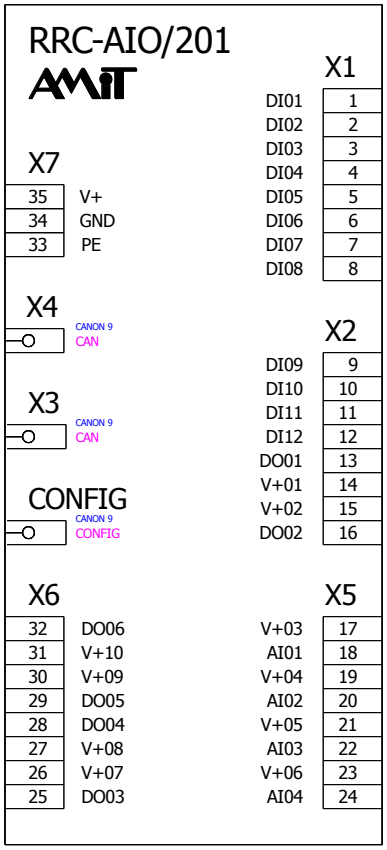
ORDERING INFORMATION

RRC-AIO/201	Remote I/O unit with CANopen DS401 protocol, user's manual, warranty card
RRC-KM	Configuration module, warranty card, data sheet

AMiT, spol. s r.o., Naskové 3/1100, 150 00 PRAGUE, Czech Republic
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e-mail: amit@amit.cz

Technical support: support@amit.cz
Tel.: +420 549 210 276, +420 549 210 403
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RECOMMENDED DIAGRAM SYMBOL



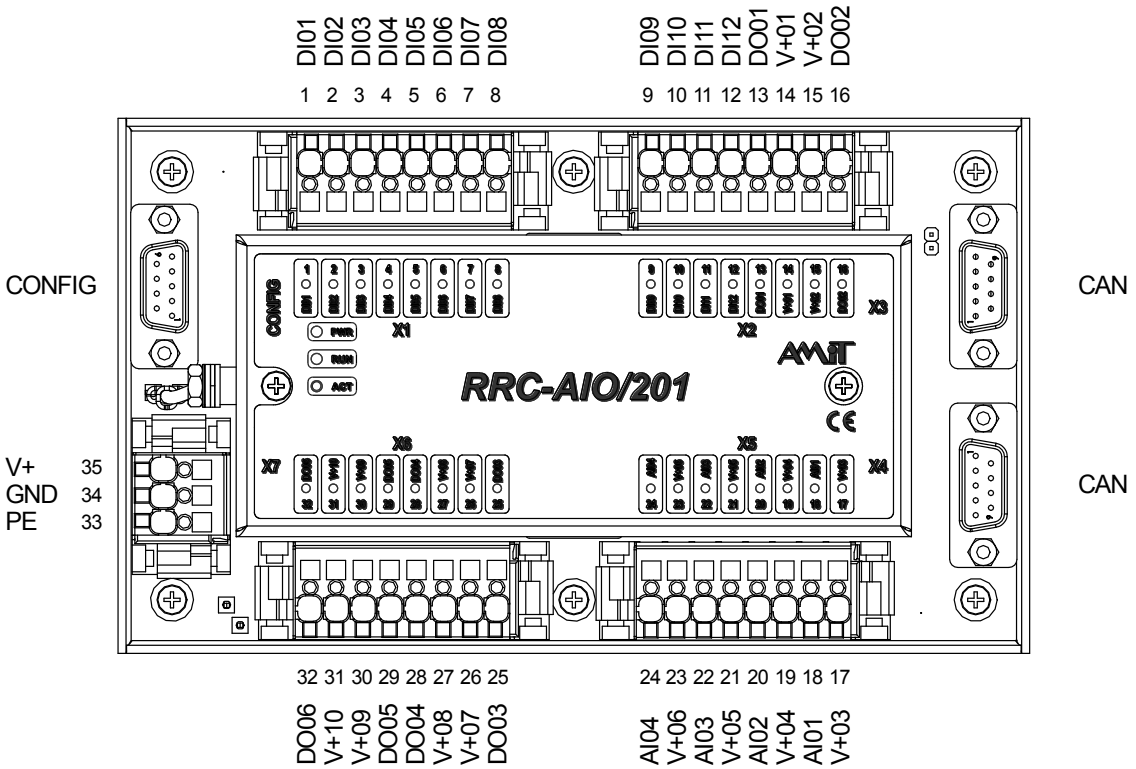
TERMINALS ASSIGNMENT

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

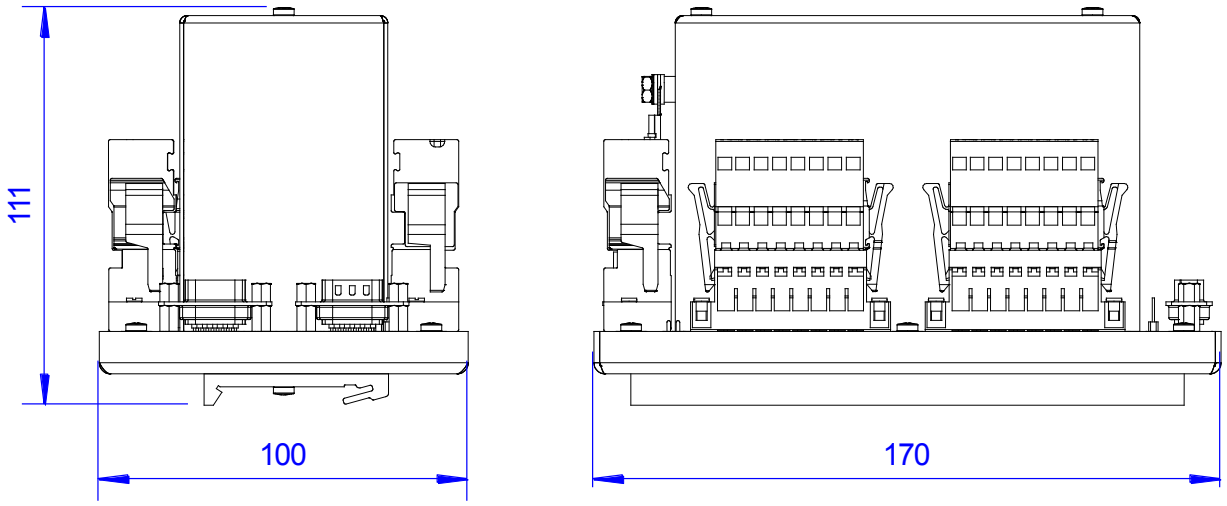
RRC-AIO/201

Remote I/O Unit with CANopen DS401 Protocol

TERMINAL LOCATION



PHYSICAL DIMENSIONS



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