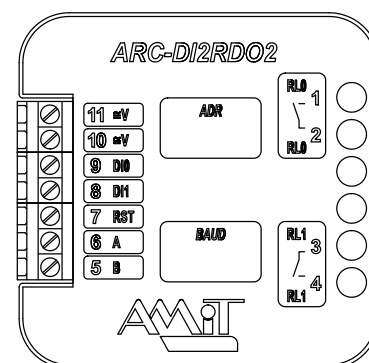


ARC-DI2RDO2

Flush mounted module

- 2× relay output
- 2× dry contact input
- 1× RS485
- Power supply 24 V DC



TECHNICAL DATA

Outputs	2×
Output type	SPST contact relay
Galvanic isolation of outputs	Yes
Nominal voltage	230 V AC
current	4 A (resistive load)
Contact lifetime	At rated load > 10 ⁵ cycles
Connection point	Stranded wires 1.5 mm ² , length 7 cm, stripped tinned ends 10 mm
Inputs	2×
Input type	Dry contact, 24 V AC/DC
Galvanic isolation	1 kV
Connection point	Screw terminals DEGSON wire 0.14 mm ² to 1 mm ²
Communication	1× RS485
Galvanic isolation	1 kV
Communication rates	300 bps to 115,200 bps
Modules per RS485 network	256
Protocol	Modbus
Connection point	Screw terminals DEGSON wire 0.14 mm ² to 1 mm ²
Power supply	
Supply voltage	24 V DC/AC ±20 %
Consumption	Max. 2 W
Other	
Mechanics	Plastic cover
Ingress protection rate	IP20
Operating temperature range	-5 °C to 45 °C
Mounting	In the box under the plaster
Weight	36 g ±5 %
Dimensions (w × h × d)	(49 × 49 × 21) mm

ORDERING INFORMATION

ARC-DI2RDO2	Flush mounted module
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amit-automation.com

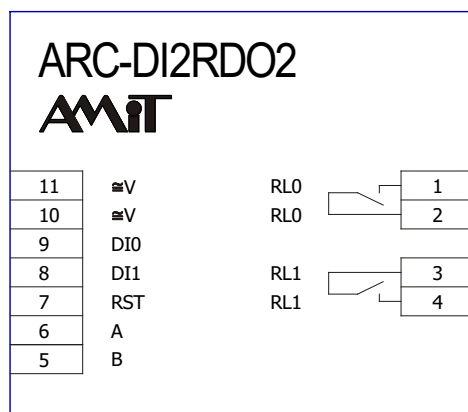
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ID number: 27652203, VAT ID: CZ27652203
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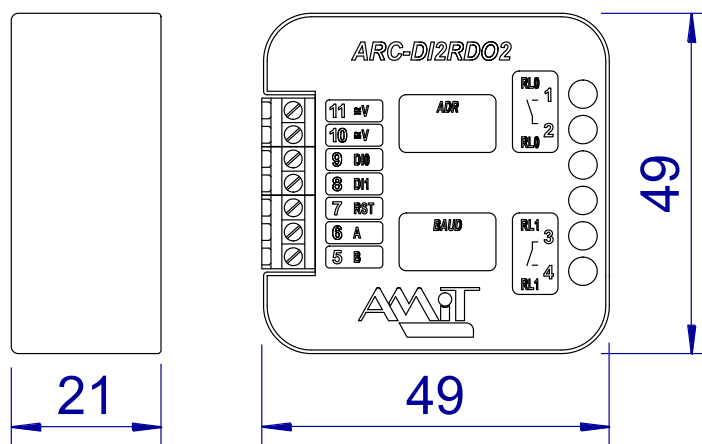
Technical support
Phone: +420 549 210 279, 549 210 403
e-mail: support@amit-automation.cz



DRAWING SYMBOL



MECHANICAL DRAWING



DESCRIPTION OF TERMINALS

PIN	Signal	Description
1	RL0	Contact of relay 0
2	RL0	Contact of relay 0
3	RL1	Contact of relay 1
4	RL1	Contact of relay 1
5	B	RS485, B
6	A	RS485, A
7	RST	Initialisation
8	DI1	Input 1
9	DI0	Input 0
10	≅V	Power supply 24 V DC/AC
11	≅V	Power supply 24 V DC/AC



LED

LED	Description
Green	LED on – power supply OK
White	Blinking – RS485 data transmission

DEFAULT COMMUNICATION PARAMETER SETTINGS

The communication parameters are factory-set to 9,600 bps, 8 bits, no parity, 1 stop bit.

Data in this datasheet is informative only. Binding detailed information can be found in the operation manual ([amr-di2rdo2_g_en_xxx.pdf](#)). Documentation can be downloaded at www.amit-automation.com.