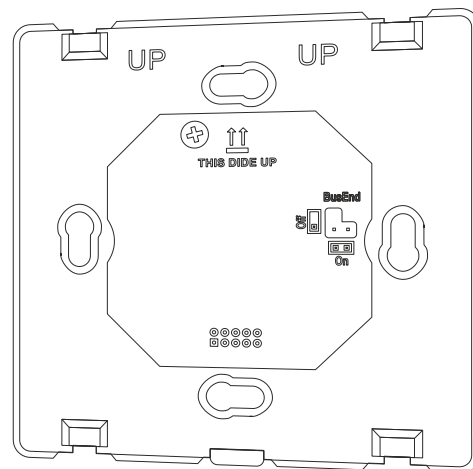


ARC-BOPDI2TRI2/xx

Base board with I/O and RS485 for **ARC-OP**

- **ARC-OP base board**
- **2× digital inputs**
- **2× triac outputs**
- **RS485**
- **Mounting on KU68**
- **24 V DC/AC power supply**



TECHNICAL DATA

Inputs	2×
Input type	Passive contact / 24 V DC
Galvanic isolation	1 kV
Outputs	2×
Output type	Triac, zero switching
Switched voltage	24 V AC
Maximum current	0.4 A
Communication	RS485
Communication speed	1,200 bps to 115,200 bps
Communication protocol	Modbus RTU
Power supply	24 V DC/AC ±20 %
Maximum power consumption	typically 1 W + peripherals (approx. 5 VA)
Other	
Connection points	Screw terminals
Wire cross-section	0.5 mm ² to 1.5 mm ²
Ingress protection rate	IP20
Operating temperature range	-5 °C to 45 °C
Ambient humidity range	5 % to 95 %, non-condensing
Mounting	KU68, multifix
Weight	62 g ±5 %
Dimensions (w × h × d)	(88 × 88 × 36) mm

ORDERING INFORMATION

ARC-BOPDI2TRI2/xx	Base board for ARC-OP , RS485, 2× DI, 2× TRI
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NOTE: This unit does not function on its own without a **DISPLAY**! The **DISPLAY** must be ordered separately – choose one of the **ARC-DOPxx(C)/xx** variants.

Designation	Colour design
ARC-BOPDI2TRI2/01	White, RAL 9003
ARC-BOPDI2TRI2/02	Black, RAL 9005

Note: Small recesses on the surface and colour inhomogeneity do not justify a warranty claim.

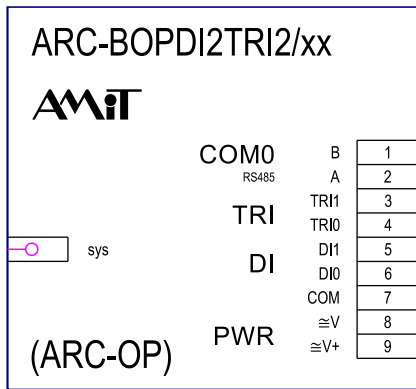
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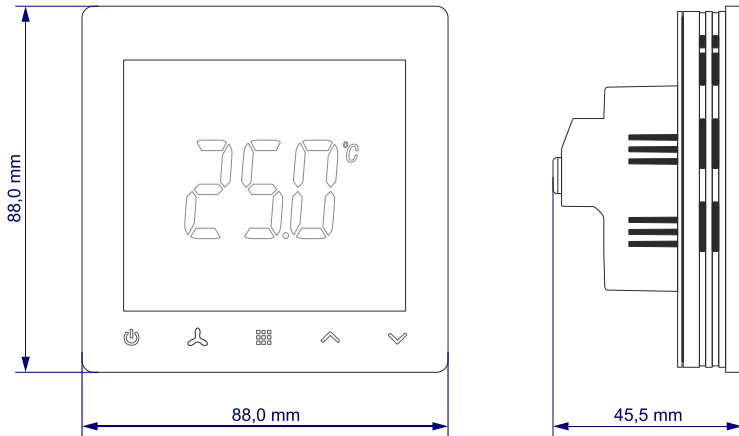
**RECOMMENDED DRAWING
SYMBOL**



DESCRIPTION OF TERMINALS

Terminal	Signal	Significance
1	B	RS485, signal B
2	A	RS485, signal A
3	TRI1	Triac Output 1 (24 V DC relative to COM terminal)
4	TRI0	Triac Output 0 (24 V DC relative to COM terminal)
5	DI1	Digital Input 1 (passive contact relative to COM terminal)
6	DI0	Digital Input 0 (passive contact relative to COM terminal)
7	COM	Common terminal for I/O
8	≅V	Power supply (DC/AC)
9	≅V+	Power supply (DC/AC)

**MECHANICAL DIMENSIONS
(INCLUDING DISPLAY)**



BOX

