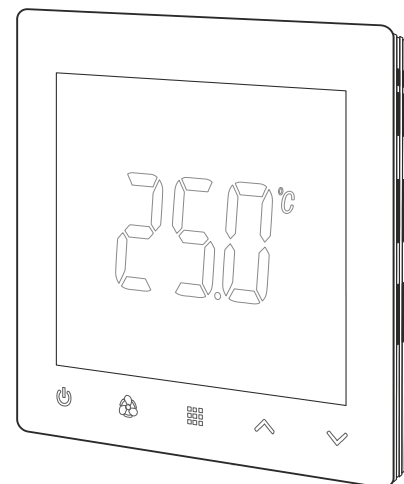


ARC-DOP20C/xx

LCD Front Panel for **ARC-OP**

- **LCD display for ARC-OP**
- **Capacitive touch button controls**
- **Measurement of temperature, relative humidity and CO₂ concentration in a Room**
- **Mounting on ARC-BOP base board**
- **Powered from base board**



TECHNICAL DATA

Display	Reflective segmented LCD
Display area	(65 × 65) mm
Controls	Capacitive touch buttons
Temperature and humidity measurement	
Temperature measurement range	-20 °C to 55 °C
Temperature measurement accuracy	±0,5 °C
Humidity measurement range	10 % to 90 %
Humidity measurement accuracy	±3 %
CO₂ concentration measurement	
Measurement range	400 ppm to 5,000 ppm
Accuracy	±(30 ppm + 3 % of reading) *)
Power supply	From the base board
Other	
Connection points	Connector to the base board
Ingress protection rate	IP20
Operating temperature range	-5 °C to 45 °C
Ambient humidity range	5 % to 95 %, non-condensing
Mounting	ARC-BOP base board
Weight	79 g ±5 %
Dimensions (w × h × d)	(88 × 88 × 13,6) mm

*) At least 3 completed calibrations within the last 3 weeks.

ORDERING INFORMATION

ARC-DOP20C/xx	Front panel for ARC-OP , LCD, temperature, humidity, CO ₂
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CAUTION: Not functional on its own, without a BASE BOARD! The BASE BOARD must be ordered separately
– one of the **ARC-BOPxx/xx** variants.

Designation	Colour design
ARC-DOP20C/01	White, RAL 9003
ARC-DOP20C/02	Black, RAL 9005

Note: Minor surface indentations and colour inconsistencies are not grounds for a warranty claim.

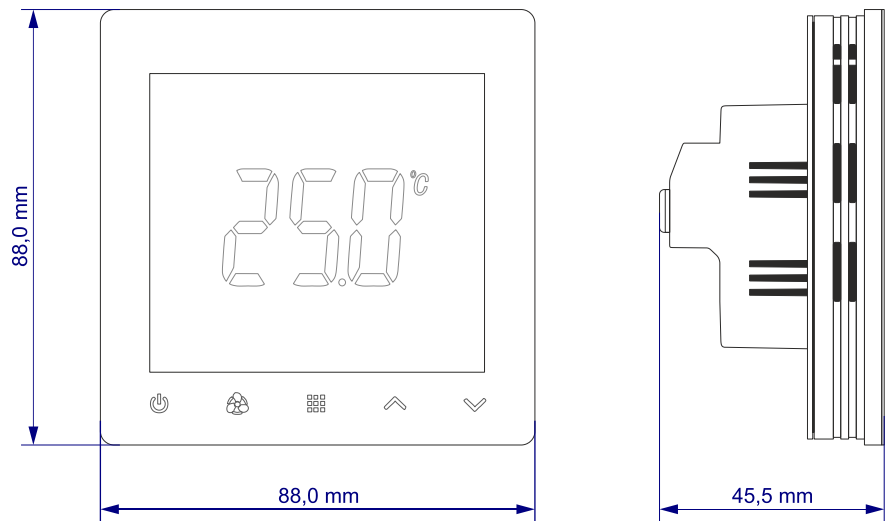
amit-automation.com


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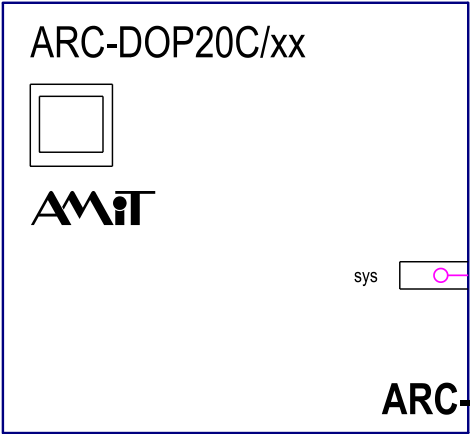
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Bank: Komerční banka, a.s., Na Příkopě 33, Praha 1, 11407, IBAN: CZ34 0100 0001 3132 8857 0267, SWIFT: KOMBCZPPXXX

Technical support
Phone: +420 549 210 279, 549 210 403
e-mail: support@amit-automation.cz

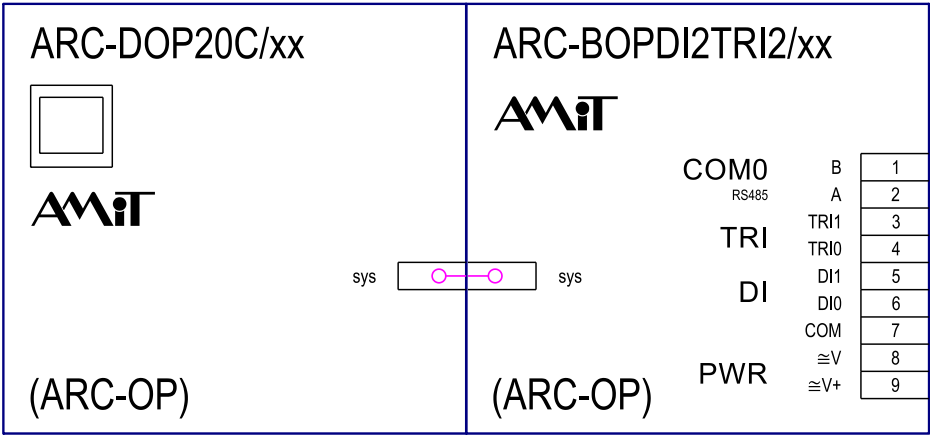
MECHANICAL DIMENSIONS INCLUDING THE BASE BOARD



RECOMMENDED DRAWING SYMBOL



Complete **ARC-OP** wiring example



Data in this datasheet is tentative. Binding detailed information can be found in the operation manual (arc-op_g_en_xxx.pdf). Documentation can be downloaded at amitautomation.com.