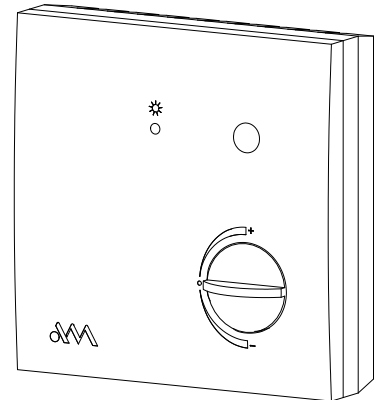


AMR-OP31A

On-wall controller

- **Measuring of room temperature**
- **1 × Rotating controller**
- **1 × Button**
- **1 × LED**
- **Serial line RS485**
- **DetStudio / EsiDet programming**



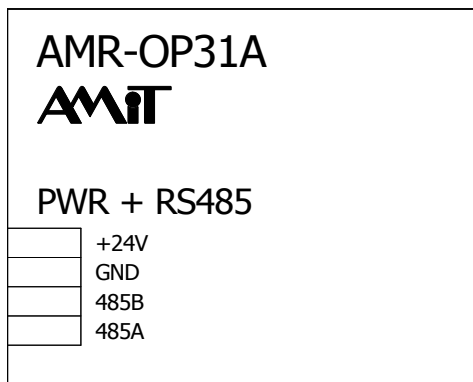
TECHNICAL DATA

Temperature measuring	Sensor DS7505S
Range	-10 °C to 50 °C
Temperature measuring precision	±0.5 °C
Settling time	< 20 s
Communication	1 × RS485
Galvanic separation	No
RS485 line termination	Jumpers inside the controller
Communication rate	9600 bps up to 57600 bps
Number of units on RS485 network	Max. 256
Power supply	10 V to 30 V DC
Power consumption	40 mA at 24 V DC
Others	
Ingress protection rate	IP20
Operating temperature	-10 °C to 50 °C
Maximum ambient humidity	< 95 % non-condensing
Mounting	Mounting on the KU68 installation box
Weight	0.04 kg
Dimensions (w × h × d)	(85 × 85 × 30) mm
Programming	DetStudio / EsiDet

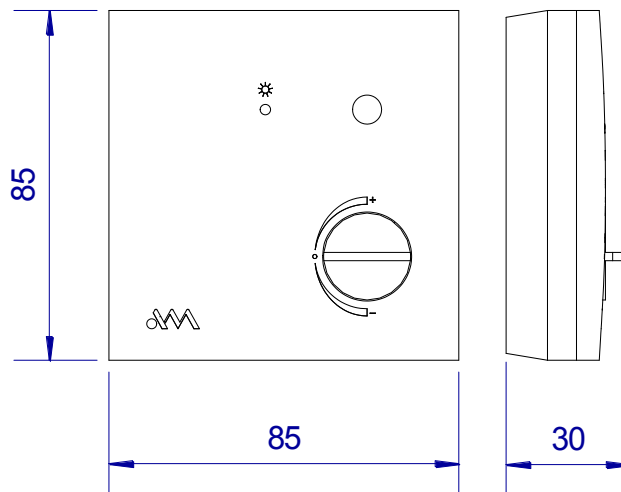
ORDERING INFORMATION

AMR-OP31A	On-wall controller
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DRAWING SYMBOL



MECHANICAL DRAWING



TERMINAL'S IDENTIFICATION

Terminal	Meaning
485A	RS485 line, signal A
485B	RS485 line, signal B
GND	Ground
+24V	Power supply voltage +24 V DC

LOCATION OF TERMINALS

