

THERMOSTATS

FIXED-THERMOSTATS - IP65



- ▶ Tamper-proof due to fixed temperatures
- ▶ High switching accuracy
- ▶ Robust metal housing for industrial applications
- ▶ Compact design
- ▶ Precise control for your control cabinet
- ▶ IP65 protection rating
- ▶ Quick and easy mounting on a DIN rail

REGULATING

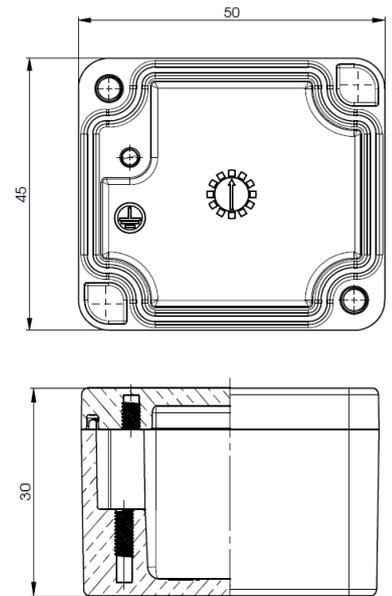


The FIX Thermostat IP65 is a high-quality, preset temperature controller designed for industrial applications where reliability and switching accuracy are critical. Its high switching precision makes it ideal for the safe control of control cabinet heaters. The robust, compact metal housing ensures excellent heat transfer and high mechanical stability. Due to its solid construction, the thermostat intentionally responds with a slight delay, resulting in stable switching behavior and reduced switching frequency — a clear advantage in applications with steady temperature profiles. With an IP65 protection rating, the FIX thermostat is optimally protected against dust and water jets, making it ideally suited for use in demanding industrial environments.

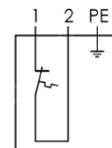
TECHNICAL DATA

Art.-No.	880000	880001
Voltage	max. 250V AC 16A(res) / 10A(ind)	
Switch contact	Normally closed (NC)	
Switching range	OFF 20°C / ON 15°C	OFF 10°C / ON 5°C
Weight	approx. 300g	
Dimensions (H x W x D)	45x50x30mm	
Protection type	IP65	
Protection class	I (Protective grounding)	
Operating temperature / Storage temperature	-45°C to +80°C	
Mounting position	Vertical	
Mounting connection	Clip for 35mm DIN-rail; EN60715	
Type of connection	2,0m Silicone connection cable 3G1,0mm ²	
Housing material	Aluminum housing, Grey (RAL 7001)	
Hysteresis	5±3K	
Switching accuracy	±1K	
Lifetime	ca. 30.000 cycles @ 16A; ca. 100.000 cycles @ 10A	
Certifications	CE	

TECHNICAL DRAWING (SPECIFICATION IN MM)



WIRING DIAGRAMM



U	bn (1)	bl (2)	gn/ge (3)
>= 115V AC	L1	N (L2)	PE

STATUS: 03|2026

The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion. The mentioned technical data has been determined under laboratory conditions according to generally accepted testing procedures. Only to this extent are properties assured. The examination of suitability for the intended purpose or use under operating conditions lies with the customer. We do not provide any warranty for this. Errors, availability, and technical changes are subject to change without notice.