

PTC-CONTROL CABINET HEATER

P70 20W-75W - TP



- ▶ High safety and energy efficiency
- ▶ Multi-voltage capable (110 - 240V AC/DC)
- ▶ Thermal decoupling from the DIN-rail
- ▶ Easy mounting with DIN clip
- ▶ Quick and safe connection using pressure clamp
- ▶ Touch Protection

HEATING

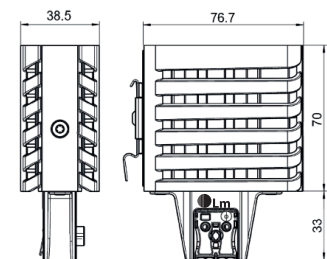
CE **UL** **MADE IN GERMANY**

The P70 20-75W cabinet heater is a compact, powerful heater for heating air in closed, electrical housing. It consists of a PTC heating element in an aluminum profile and achieves up to 75W without a fan using the chimney effect. The touch protection ensures protection against accidental contact, both from the front and from the side. The heater protects components and housings from moisture and frost and is available for operating voltages of 110 - 240V AC/DC in four power variants (20-75W). The dynamic power adjustment, which depends on the ambient temperature, ensures a high level of operational reliability. Top protection can be retrofitted as an option.

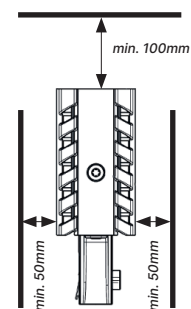
TECHNICAL DATA

Art.-No.	825102	825103	825104	825105
Voltage	110 – 240V AC/DC			
Inrush current at 115V / 230V	1,3A / 2,7A		2,5A / 5,5A	
Power at 10°C	20W	30W	50W	75W
Recommended fuse	4A(t) / 6A(t)			
Weight	approx 150g			
Dimensions (LxWxD)	103x76,7x38,5mm			
Protection type	IP20			
Protection class	II (Protective insulation)			
Operating temperature	up to -40°C			
Storage temperature	-40°C to +80°C			
Operating humidity/ Storage humidity	< 90% RH (non-condensing)			
Heating element	PTC-Heating element			
Mounting connection	Clip for 35mm DIN rail; EN60715			
Type of connection	Pressure clamp			
Housing material	Aluminium profile, anodized			
Mounting position	Vertical			
Certifications	CE, UL-File: E317613			

TECHNICAL DRAWING (SPECIFICATION IN MM)



INSTALLATION SITUATION



Note:
 1. Without an external control unit, the heater may only be installed in a housing with internal dimensions of at least 600x300x200mm.
 2. Depending on the touch protection variant, there may be reduced performance. With Touch-Protection approx. 10% and with the combination of Touch-Protection and Top-Protection approx. 15%

STATUS: 08|2024

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.