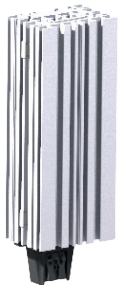
PTC-CONTROL CABINET HEATER

P70 240W



- **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**

HEATING

MADE IN GERMANY

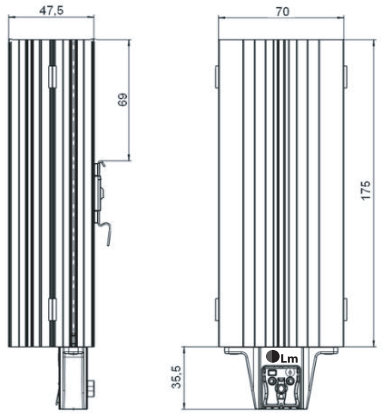
The P70 240W cabinet heater is a compact, powerful heater for heating air in closed, electrical enclosures. It consists of a PTC heating element in an aluminum profile and achieves an output of 240W without a fan due to the chimney effect. The cabinet heater protects components and enclosures from moisture and frost and is available for operating voltages of 110-240V AC/DC. The dynamic power adjustment, which depends on the ambient temperature, ensures a high level of operational reliability.

TECHNICAL DATA

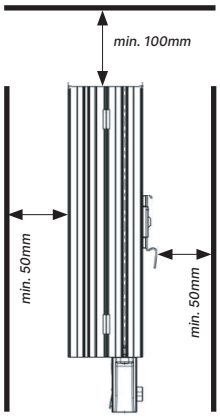
Art.-No.	**825008**
Voltage	110 – 240V AC/DC
Inrush current at 115V / 230V	6,5A / 14A
Power at 10°C	240W
Recommended fuse	6A(t) / 10A(t)

Weight	650g
Dimensions (LxWxD)	210,5 × 70 × 47,5mm
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 600×300×200mm

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.

Lm-therm Elektrotechnik AG | Sulzbachstraße 15 - 94501 Aldersbach | ✆ +49 (0) 85 43 - 6 24 60 30 | ✉ info@lm-therm.de