Lm-therm

EXPLOSION-PROOF ENCLOSURE HEATER

EXH-2/22 / T3

- **High degree of protection IP66 / IP67**
- **Quick mounting on DIN mounting rail**
- **Optional 115V AC supply voltage available**
- **Maintenance-free convection heating without fan**
- **Robust aluminum housing**

HEATING

CE UKCA

MADE IN GERMANY

The heaters in the ExH-2/22 series have been specially developed for use in potentially explosive atmospheres in zones 2 (gas) and 22 (dust). They are used to prevent condensation, provide frost protection and control the temperature of switch cabinets and enclosures in industrial applications. Typical areas of application are industrial plants, such as pumping stations, paint shops, storage areas for flammable substances or silos and technical rooms in food and animal feed processing.

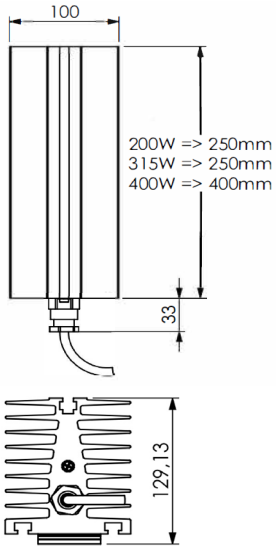
TECHNICAL DATA

Art.-No.	851003	851004	851005
Voltage [1]		230V AC	
Inrush current / Operating current at 230V AC	0,87A	1,37A	1,75A
Power	200W	315W	400W

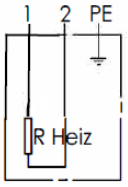
Weight	4600g	6800g
Dimensions (LxWxD)	250×100×129mm	400×100×129mm
Protection type	IP66 / IP67; EN60529	IP66; EN60529
Protection class	I (Protective grounding)	
Operating temperature / Storage temperature	-40°C to +60°C	
Heating element	High-performance heating cartridge	
Mounting connection	Snap-on mounting for 35mm DIN rail; EN 60715	
Type of connection [2]	1,0m Silicone-Connection cable 3×1,50mm²	
Housing material	Aluminum housing, black anodized	
Mounting position	Vertical	
Operating humidity / Storage humidity	< 80% RH (non-condensing)	
Atex-marking (gas)	II 3G Ex dc IIC T3 Gc	
Atex-marking (dust)	II 3D Ex tc IIIC T200°C Dc	
Max. Surface temperature / Temperature class	< +200°C / T3	
Certifications	CE, UKCA	

(1) Special voltage 115V AC possible on request
(2) Other cable lengths possible on special request (The cable length must not be less than 1 meter)

TECHNICAL DRAWING (SPECIFICATION IN MM)



WIRING DIAGRAMM



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

STATUS: 05|2025

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