

SWITCH CABINET HEATER WITH FAN

GX-TERA



- High safety and energy efficiency
- Two power levels in one device
- High power range
- Low surface temperature
- Quick and easy mounting with DIN clip
- Separate fan operation possible

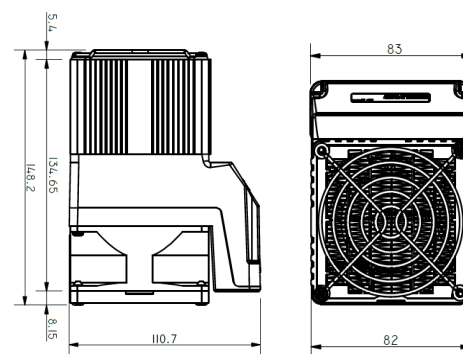


The GX-Tera switch cabinet heater was developed for high-performance applications in industrial switch cabinets and control enclosures. It impresses with its high heating output of 300 to 800W and ensures even heat distribution throughout the interior of the enclosure thanks to its integrated fan. A special feature of the GX-Tera is its two-stage power control, which allows two heating stages to be implemented in one device. This means that the heating power can be flexibly adapted to the ambient conditions. In addition, the fan operation can be controlled separately – ideal for applications where active air circulation is required even without the heating function.

TECHNICAL DATA

Art.-No.	838600	838601	838602	838603
Voltage	230V AC		115V AC	
Inrush current at 115V / 230V AC	10A	11A	15A	14A
Power at 10°C	300 / 600W	450 / 800W	300 / 600W	450 / 800W
Maximum housing temperature	55°C	80°C	55°C	80°C
Weight	785g			
Dimensions (LxWxD)	82×110×150mm			
Protection type	IP20			
Protection class	I (Protective grounding)			
Operating temperature/Storage temperature	-40°C to +60°C			
Heating element	PTC-Heating element			
Mounting connection	Snap-on mounting for 35mm DIN rail; EN60715			
Type of connection	6-pole screw terminal			
Housing material	Aluminium housing			
Fan	Fan volume flow: 45 - 54m³/hr Service Life: 43.500 h at +40°C			
Mounting position	Vertical			
Certifications	CE, cURus			

TECHNICAL DRAWING (SPECIFICATION IN MM)



CONNECTION DESCRIPTION

- L Live supply connection
 - N Neutral supply connection for fan
 - N1 Optional (Connected to the Neutral supply for half heat)
 - N2 Optional (Connected to the Neutral supply & N1 for full heat)
 - PE Earth connection.
- Connection of the supply to L, N and PE must be made in order for the unit to operate. N1 and N2 are heat options. If neither are connected to the supply neutral, the unit will not produce any heat. In this mode the unit will act as a re-circulation fan only.

STATUS: 11|2025

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.