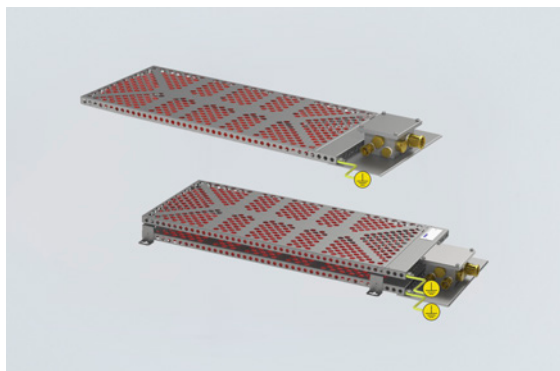


# TRANBERG Solutions

## Enclosure heater With junction box And temperature control device

TEF92082401 Art. No. 259564



- Low profile, easy to fit inside cabinets
- Self-regulating heating element. Prevents overheating
- Rugged AISI 316L, acid steel construction
- Ambient air thermostat, integrated in heater junction box
- Low maintenance
- For use inside equipment enclosures and cabinets to prevent condensation and provide climatic control
- Frost protection

MY R. STAHL T9208C



Globally approved Ex e, self regulating enclosure heater. AISI 316L acid resistant steel enclosure and junction box. Junction box for electrical connections. Delivered with ambient air thermostat, +5 °C or +15 °C and power output from 100 W up to 600 W at 0 °C ambient, still air.

### Technical Data

#### Explosion Protection

Application range (zones)	1 2
IECEX gas certificate	IECEX NEM 11.0005X
IECEX gas explosion protection	Ex e IIC T4 Gb
ATEX gas certificate	NEMKO 11ATEX1098X
ATEX gas explosion protection	Ex II 2 G Ex e IIC T4 Gb

#### Electrical Data

Rated operational voltage AC	230 V
Power	100 W
Frequency range	50 – 60 Hz

#### Ambient Conditions

Ambient temperature	-50 °C ... +50 °C (Under voltage)
Storage temperature	-50 °C ... +80 °C
Opening temperature OFF	+5 °C
Opening temperature tolerance	+/- 5°C

#### Mechanical Data

Degree of protection (IP)	IP54
Degree of protection note	For use in enclosures
Enclosure material	Stainless steel 1.4404
Max. connection cross section, solid	4 mm <sup>2</sup>
Max. connection cross-section, finely stranded	2,5 mm <sup>2</sup>
Cable length	0 m
Dimension A	245 mm
Dimension B	684 mm
Dimension C	30 mm
Dimension D	80 mm
Dimension E	440 mm

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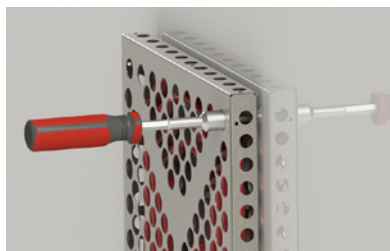
### Mechanical Data

Dimension F	200 mm
Weight	-

### Components

Drilled holes	4 x M25
Cable glands and entries	1 x M25 x 1.5
Stopping plugs	3 x M25 x 1.5

### Technical Drawings – Subject to Alterations

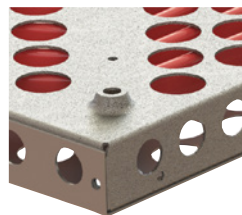


Use a tool to tighten the screws firmly to secure the heater.



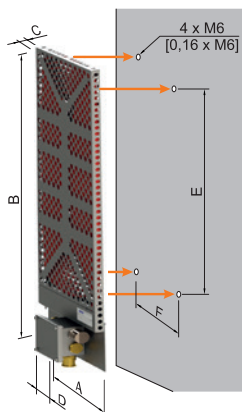
#### Sandwich design

Insert 4 x M6 screws and washers in the mounting brackets as shown. Use a wrench for tightening the screws firmly.

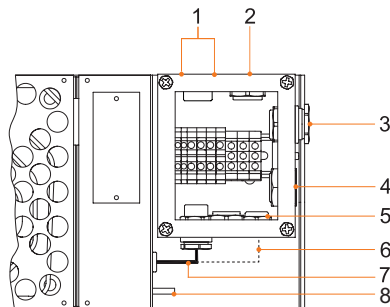


4 x Ø 6 mm mounting holes on the rear side of the heater

### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



**Note!** Never install the heater with junction box facing upwards.



- 1 Ambient air thermostat
  - 2 Stopping plug M25
  - 3 Power in M25
  - 4 Breather M25
  - 5 Stopping plug M25
  - 6 <sup>1)</sup> 2x cold lead only (for sandwich design)
  - 7 <sup>1)</sup> Cold lead
  - 8 Earth bolt
- <sup>1)</sup> internal cables from heater plate (installed at TRANBERG Factory)

Nominal output <sup>1)</sup>	Overall dimensions				Mounting dimensions		Weight
	A	B	C	D	E	F	
100 W	245	684	30	80	440	200	4.92 kg
175 W	280	834	30	80	590	240	6.74 kg
300 W	360	1004	30	80	760	320	9.72 kg
600 W	424	1004	80	80	760	397	18.76 kg

<sup>1)</sup> **Note:** Nominal output at still air at 0 °C

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.