

- 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

E6

WebCode **T9209C**



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.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

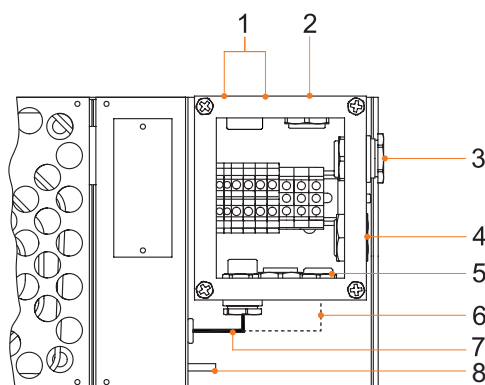
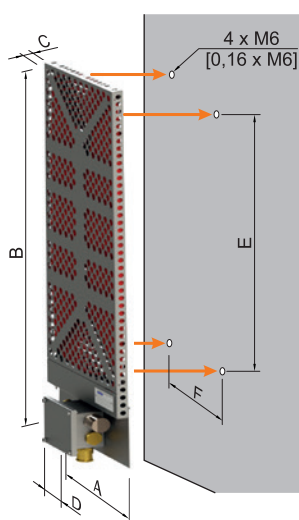
Selection Table				
Product Description		Enclosure heater With junction box And temperature control device		
Power	Opening temperature OFF	Opening temperature tolerance	Product Type	Art. No.
100 W	+5 °C	+/- 5°C	TEF92097401	262988
	+15 °C	+/- 5°C	TEF92097601	262992
175 W	+5 °C	+/- 5°C	TEF92097402	262989
	+15 °C	+/- 5°C	TEF92097602	262993
300 W	+5 °C	+/- 5°C	TEF92097403	262990
	+15 °C	+/- 5°C	TEF92097603	262994
Product Description Version		Enclosure heater With junction box And temperature control device Sandwich design		
Power	Opening temperature OFF	Opening temperature tolerance	Product Type	Art. No.
600 W	+5 °C	+/- 5°C	TEF92099406	262991
	+15 °C	+/- 5°C	TEF92099606	262995

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex e IIC T4 Gb
ATEX gas explosion protection	Ⓔ II 2 G Ex e IIC T4 Gb
Electrical Data	
Rated operational voltage AC	120 V
Frequency range	50 – 60 Hz
Ambient Conditions	
Ambient temperature	-50 °C ... +50 °C (Under voltage)
Storage temperature	-50 °C ... +80 °C

### Technical Data

Mechanical Data	
Degree of protection (IP)	IP66
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>
Components	
Cable glands and entries	1 x M25 x 1.5
Stopping plugs	3 x M25 x 1.5

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



- 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)

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

Nominal output <sup>1</sup>	Overall dimensions				Mounting dimensions		Weight
	A	B	C	D	E	F	
100 W	245	684	80	80	440	200	4.92 kg
175 W	280	834	80	80	590	240	6.74 kg
300 W	360	1004	80	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