

- 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

MY R. STAHL 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 (live)
Storage temperature	-50 °C ... +80 °C
Mechanical Data	
Degree of protection (IP)	IP66

Technical Data

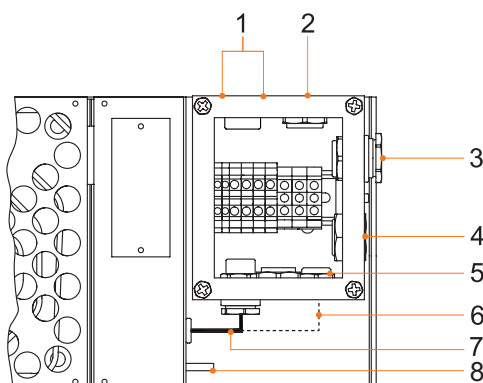
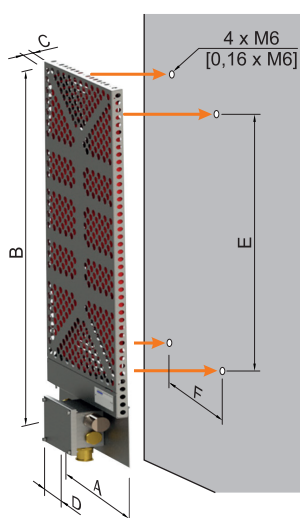
Mechanical Data

Degree of protection note	For use in enclosures
Enclosure material	Stainless steel 1.4404
Max. connection cross section, solid	4 mm ²
Max. connection cross-section, finely stranded	2,5 mm ²

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 ¹2x cold lead only (for sandwich design)
 - 7 ¹ Cold lead
 - 8 Earth bolt
- ¹ internal cables from heater plate (installed at TRANBERG Factory)

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

Nominal output ¹	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

¹ **Note:** Nominal output at still air at 0 °C