

- 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 **T9207C**



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				
Version	-			
Power	Opening temperature OFF	Opening temperature tolerance	Product Type	Art. No.
100 W	+5 °C	+/- 5°C	TEF92072401	220175
	+15 °C	+/- 5°C	TEF92072601	242183
200 W	+5 °C	+/- 5°C	TEF92072402	220176
	+15 °C	+/- 5°C	TEF92072602	242184
300 W	+5 °C	+/- 5°C	TEF92072403	220177
	+15 °C	+/- 5°C	TEF92072603	242185
500 W	+5 °C	+/- 5°C	TEF92072405	220179
	+15 °C	+/- 5°C	TEF92072605	242186
Version	Sandwich design			
Power	Opening temperature OFF	Opening temperature tolerance	Product Type	Art. No.
400 W	+5 °C	+/- 5°C	TEF92074404	220178
	+15 °C	+/- 5°C	TEF92074604	242187
600 W	+5 °C	+/- 5°C	TEF92074406	220180
	+15 °C	+/- 5°C	TEF92074606	242188
1000 W	+5 °C	+/- 5°C	TEF92074410	220181
	+15 °C	+/- 5°C	TEF92074610	242189

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex e IIC T3 Gb
ATEX gas explosion protection	Ⓔ II 2 G Ex e IIC T3 Gb

Technical Data
Electrical Data

Frequency range 50 – 60 Hz

Ambient Conditions

Ambient temperature -50 °C ... +50 °C (Under voltage)

Storage temperature -50 °C ... +80 °C

Mechanical Data

Degree of protection (IP) IP66

Enclosure material Stainless steel 1.4404

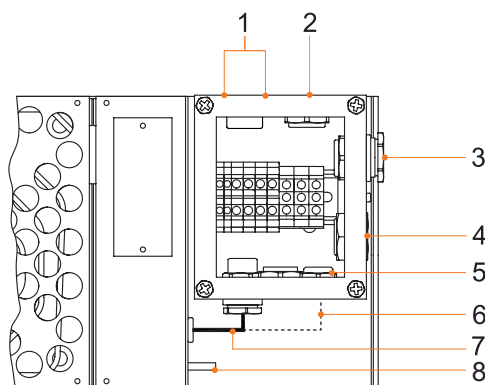
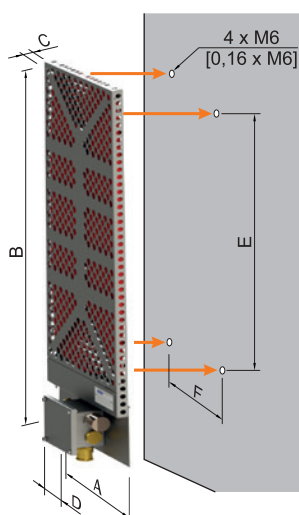
Max. connection cross section, solid 4 mm²

Max. connection cross-section, finely stranded 2.5 mm²

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 ¹ 2x 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	233	430	30	80	190	160	2.92 kg
200 W	245	684	30	80	440	200	4.74 kg
300 W	280	834	30	80	590	240	6.72 kg
400 W	303	684	80	80	440	276	6.44 kg
500 W	360	1004	30	80	760	320	9.32 kg
600 W	343	834	80	80	590	316	11.76 kg
1000 W	424	1004	80	80	760	397	18.50 kg

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