

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

E6

WebCode **T9208B**



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

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

Selection Table			
Product Description	Enclosure heater With junction box		
Power	Product Type	Art. No.	
100 W	TEF92081001	259561	
175 W	TEF92081002	259562	
300 W	TEF92081003	259563	
Product Description Version	Enclosure heater With junction box Sandwich design		
Power	Product Type	Art. No.	
600 W	TEF92083006	259570	

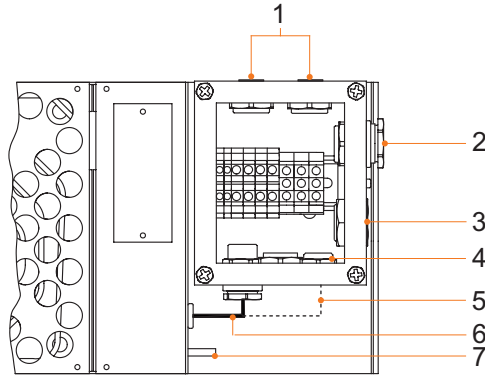
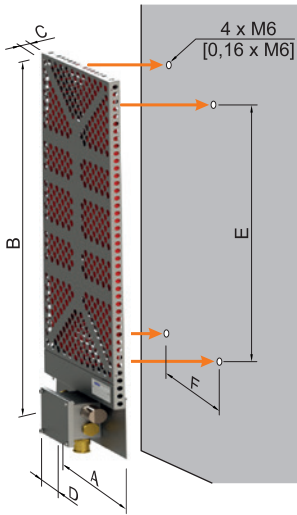
Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex e IIC T4 Gb
ATEX gas explosion protection	Ex II 2 G Ex e IIC T4 Gb
Electrical Data	
Rated operational voltage AC	230 V
Frequency range	50 – 60 Hz
Ambient Conditions	
Ambient temperature	-50 °C ... +50 °C (Under voltage)
Storage temperature	-50 °C ... +80 °C
Mechanical Data	
Degree of protection (IP)	IP54
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

Technical Data

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 Stopping plug M25
 - 2 Power in M25
 - 3 Breather M25
 - 4 Stopping plug M25
 - 5 ¹⁾ 2x cold lead only (for sandwich design)
 - 6 ¹⁾ Cold lead
 - 7 Earth bolt M6 x 10
- 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	240	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

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