

- 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 **T9207B**



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		TEF92071001	220182
200 W		TEF92071002	220183
300 W		TEF92071003	220184
500 W		TEF92071005	220186
Product Description Version		Enclosure heater With junction box Sandwich design	
Power		Product Type	Art. No.
400 W		TEF92073004	220185
600 W		TEF92073006	220187
1000 W		TEF92073010	220188

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
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

### Technical Data

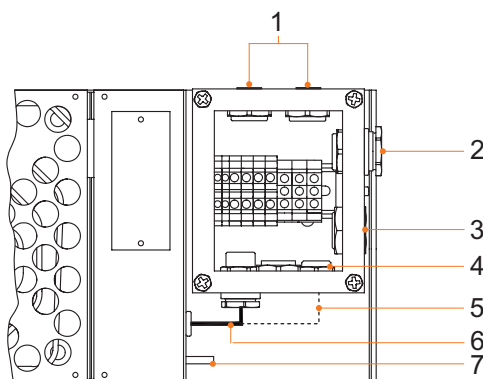
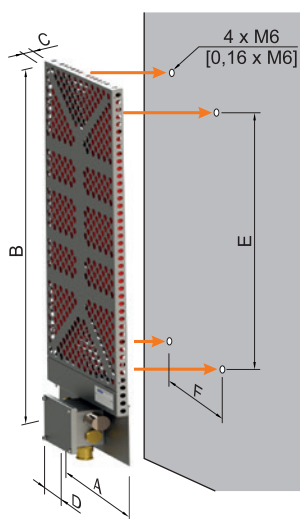
#### Mechanical Data

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 Stopping plug M25
  - 2 Power in M25
  - 3 Breather M25
  - 4 Stopping plug M25
  - 5 <sup>1</sup> 2x cold lead only (for sandwich design)
  - 6 <sup>1</sup> Cold lead
  - 7 Earth bolt M6 x 10
- <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	200	430	30	80	190	160	2.92 kg
200 W	240	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

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