

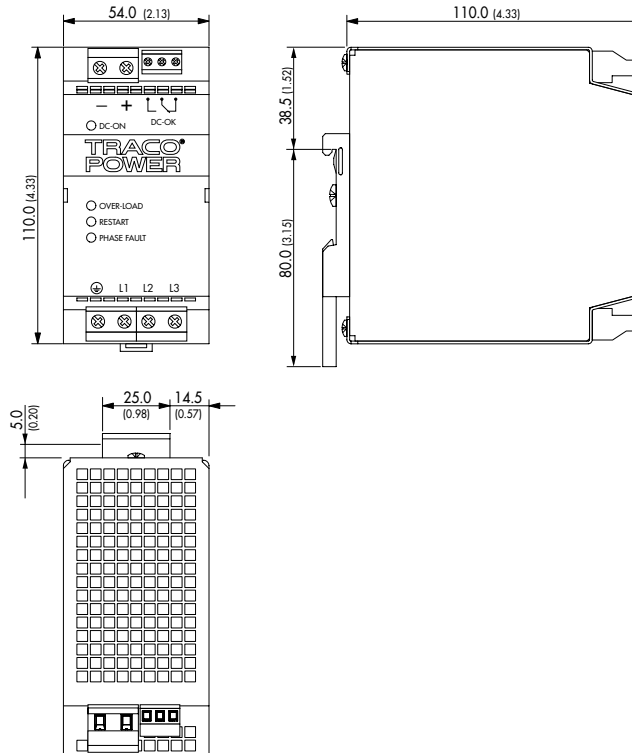
General Specifications

Electromagnetic compatibility (EMC), Emissions		EN 61000-6-3		
– Conducted RI suppression on input		EN 55011 class B, EN 55022 class B,		
– Radiated RI suppression		EN 55011 class B, EN 55022 class B,		
Electromagnetic compatibility (EMC), Immunity		EN 61000-6-2		
– Electrostatic discharge (ESD)		IEC/EN 61000-4-2	8 kV / 15 kV	criteria tba
– Radiated RF field immunity		IEC/EN 61000-4-3	10 V/m	criteria tba
– Electrical fast transient	burst immunity input	IEC/EN 61000-4-4	4 kV	criteria tba
	burst immunity output	IEC/EN 61000-4-4	2 kV	criteria tba
– Surge immunity	L – L	IEC/EN 61000-4-5	2 kV	criteria tba
	L – PE	IEC/EN 61000-4-5	4 kV	criteria tba
	+ Output – - Output	IEC/EN 61000-4-5	0.5 kV	criteria tba
	+ Output – PE	IEC/EN 61000-4-5	0.5 kV	criteria tba
– Immunity to conducted RF disturbances	– Output – PE	IEC/EN 61000-4-5	0.5 kV	criteria tba
		IEC/EN 61000-4-6	10 V	criteria tba
– Mains voltage dips and interruptions		IEC/EN 61000-4-11		
Safety standards		IEC/EN 60950-1, UL 60950-1		
– Information technology equipment		UL 508 listed, CSA C22.2 No. 107.1		
– Industrial control equipment		ATEX 94/9/EC		
– Equipment for use in explosive atmospheres		EN 60204		
– Electrical equipment for machines		EN 50178		
– Electronic equipment for power installations		EN 61558-2-16		
– Safety of power transformers				
Safety approvals and		CB report for IEC 60950-1		
		SIQ certificate for EN 60950-1		
		☸ II3G Ex nA nC IIC T3		
		UL approvals for UL 508 listed		
		Curtis-Straus certificate for UL 60950-1 (2nd)		
		Bureau Veritas for other standards		
– Certification documents		www.tracopower.com/overview/tsp-3p		
Environmental compliance		www.tracopower.com/info/reach-declaration.pdf		
– Reach		RoHS directive 2002/95/EC		
– RoHS				
Environment		0.075 mm / 10 – 55 Hz,		
– Vibration acc. IEC 60068-2-6;		11ms / 15 g		
– Shock acc. IEC 60068-2-27				
Status signals		DC OK = contact closed at >20...22 VDC		
		rated: 30 VDC/1.0 A for 24 VDC models		
		green LED at >20...22 VDC		
		red blinking LED if one or two phases are missing		
		(function only if earth is connected)		
		red LED on at >100% nominal load (5 sec. count down		
		for boost power is activated)		
		red blinking LED at temperature shut down (manual		
		restart required - mains disconnect for 5 sec.)		
		red blinking LED during overload recovery periode		
– Overload / Overtemperature				
– Automatic restart indication				
Enclosure material		aluminium (chassis) / stainless steel (cover)		
Mounting		for DIN-rails as per EN 50022-35x15/7.5		
		(snap-on with self-locking spring)		
– Wall mounting (option)		with wall mounting bracket - see page 6		
Connection		screw terminals		
Installation instructions		www.tracopower.com/overview/tsp-3p		

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

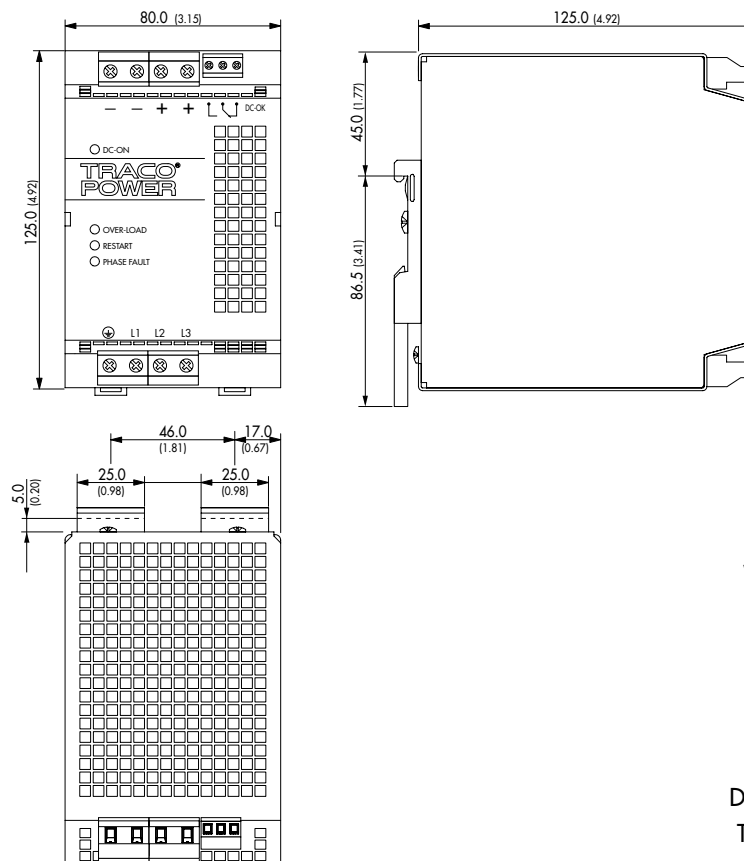
Outline Dimensions

240 Watt models



Weight: 575 g (1.27 lb)

480 Watt models



Weight: 1.05 kg (2.31 lb)

Dimensions in [mm], () = Inch
Tolerances: ± 0.5 mm (± 0.02)