

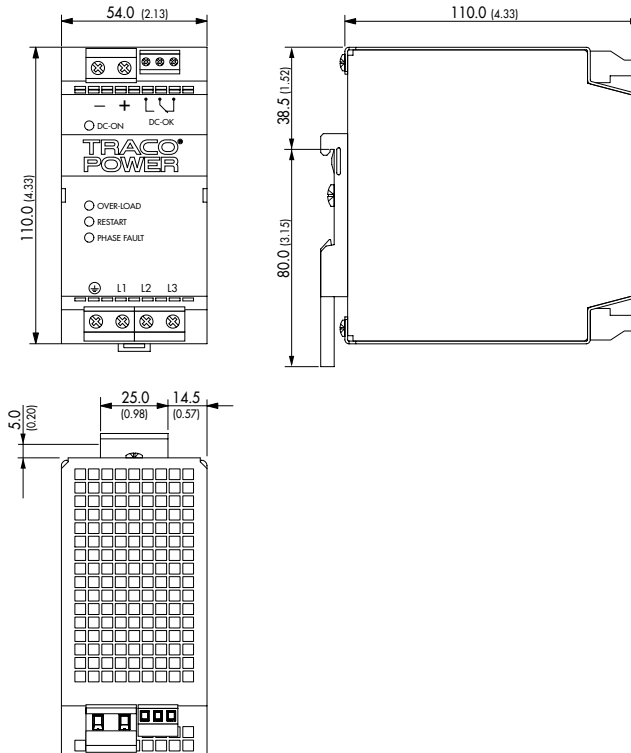
General Specifications

Electromagnetic compatibility (EMC), Emissions	<ul style="list-style-type: none"> – Conducted RI suppression on input – Radiated RI suppression 	EN 61000-6-3 EN 55011 class B, EN 55022 class B, EN 55011 class B, EN 55022 class B,
Electromagnetic compatibility (EMC), Immunity	<ul style="list-style-type: none"> – Electrostatic discharge (ESD) – Radiated RF field immunity – Electrical fast transient burst immunity input burst immunity output – Surge immunity <ul style="list-style-type: none"> L – L L – PE + Output – - Output + Output – PE – Output – PE – Immunity to conducted RF disturbances – Mains voltage dips and interruptions 	EN 61000-6-2 IEC/EN 61000-4-2 8 kV / 15 kV IEC/EN 61000-4-3 10 V/m IEC/EN 61000-4-4 4 kV IEC/EN 61000-4-4 2 kV IEC/EN 61000-4-5 2 kV IEC/EN 61000-4-5 4 kV IEC/EN 61000-4-5 0.5 kV IEC/EN 61000-4-5 0.5 kV IEC/EN 61000-4-5 0.5 kV IEC/EN 61000-4-6 10 V IEC/EN 61000-4-11
Safety standards	<ul style="list-style-type: none"> – Information technology equipment – Industrial control equipment – Equipment for use in explosive atmospheres – Electrical equipment for machines – Electronic equipment for power installations – Safety of power transformers 	IEC/EN 60950-1, UL 60950-1 UL 508 listed, CSA C22.2 No. 107.1 ATEX 94/9/EC EN 60204 EN 50178 EN 61558-2-16
Safety approvals and	<ul style="list-style-type: none"> – Certification documents 	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 www.tracopower.com/overview/tsp-3p
Environmental compliance	<ul style="list-style-type: none"> – Reach – RoHS 	www.tracopower.com/info/reach-declaration.pdf RoHS directive 2002/95/EC
Environment	<ul style="list-style-type: none"> – Vibration acc. IEC 60068-2-6; – Shock acc. IEC 60068-2-27 	0.075 mm / 10 – 55 Hz, 11ms / 15 g
Status signals	<ul style="list-style-type: none"> – DC-OK relay contact – DC-OK indication – Phase error indication – Overload / Overtemperature – Automatic restart indication 	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
Enclosure material		aluminium (chassis) / stainless steel (cover)
Mounting	<ul style="list-style-type: none"> – DIN-rail mounting – Wall mounting (option) 	for DIN-rails as per EN 50022-35x15/7.5 (snap-on with self-locking spring) 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.

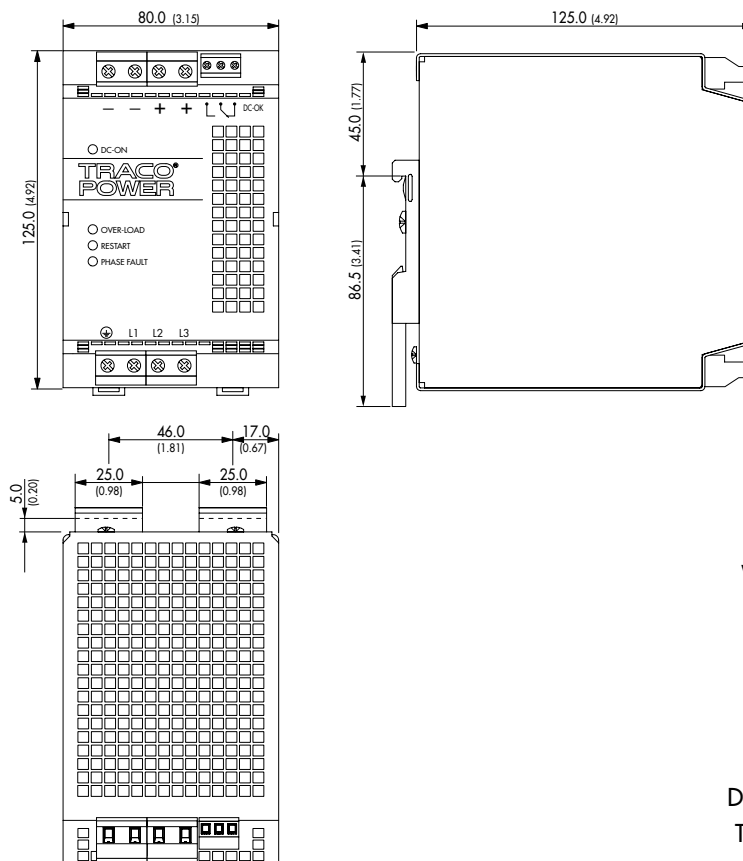
Outline Dimensions

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)