

General Specifications

Switching frequency (pulse width modulation PWM)	120 & 240 W models:	100 kHz typ.
	360 W models:	75 kHz typ.
	480 W models:	62.5 kHz typ.
Isolation voltage (60 sec.)	– Input / Output	120 & 240 W models: 4'000 VAC
	– Input / Case	360 & 480 W models: 3'000 VAC
	– Output / Case	120 & 240 W models: 2'000 VAC
		360 & 480 W models: 1'500 VAC
		500 VAC
Reliability /calculated MTBF (MIL-HDBK-217F, at +25°C, ground benign)	120 & 360 W models:	>120'000 h
	240 W models:	>50'000 h
	480 W models:	>100'000 h
Electromagnetic compatibility (EMC), Emissions	– Conducted input RI suppression – Harmonic current emissions	EN 55022, class B, FCC part 15, level B IEC/EN 61000-3-2 class B
Electromagnetic compatibility (EMC), Immunity		EN 55024
Degree of protection		class I
Safety standards		UL 60950-1, IEC/EN 60950-1
Safety approvals	– UL/cUL 60950-1 – CB report according to IEC 60950-1	www.ul.com -> certifications -> File e188913 www.tracopower.com/products/txh-cb.pdf
Environment	– Vibration	3 axes, sine sweep, 10–500Hz, 2g, 0.1 oct/min
Environmental compliance	– Reach – RoHS	www.tracopower.com/products/txh-reach.pdf RoHS directive 2011/65/EU
Altitude during operation	120 / 240 & 360 W models:	up to 4'000 m (13'120 ft) approved
	480 W models:	up to 3'000 m (9'840 ft) approved

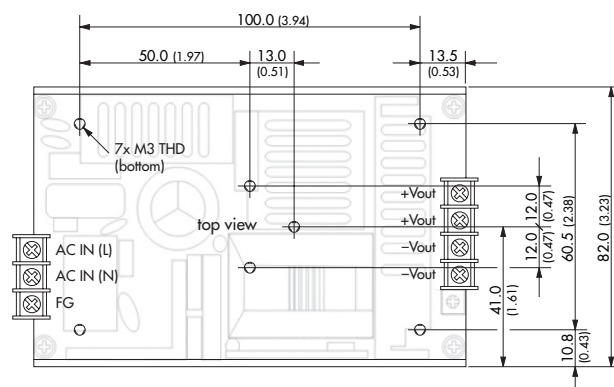
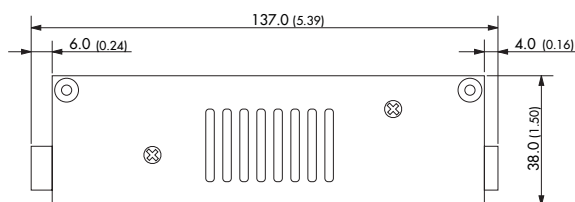
Outline Dimensions

TXH 120 models

Weight: 390 g (13.8 oz)

Optional Cover

TXH 120-COV Cover incl. screws for TXH 120 models



Max mounting screw penetration: 2.5 mm (0.1)

Outline Dimensions

TXH 240 models

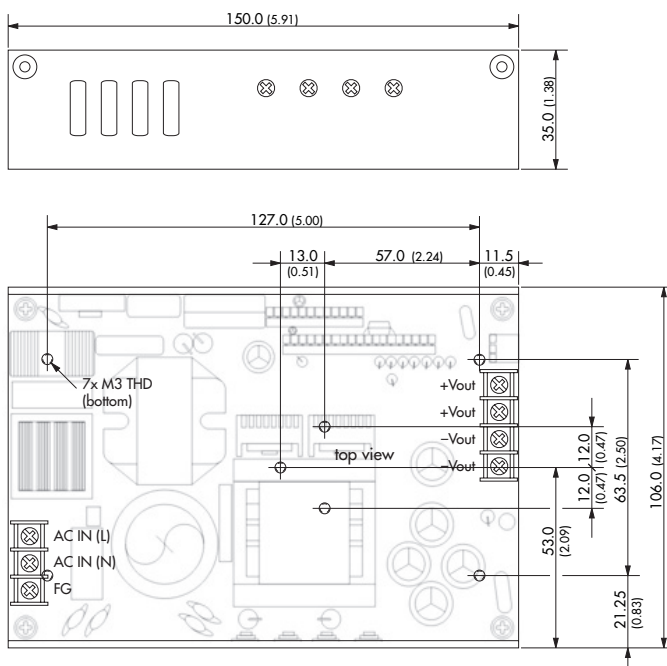
Weight: 580 g (20.5 oz)

Optional Cover	
TXH 240-COV	Cover incl. screws for TXH 240 models

Max mounting screw penetration: 2.5 mm (0.10)

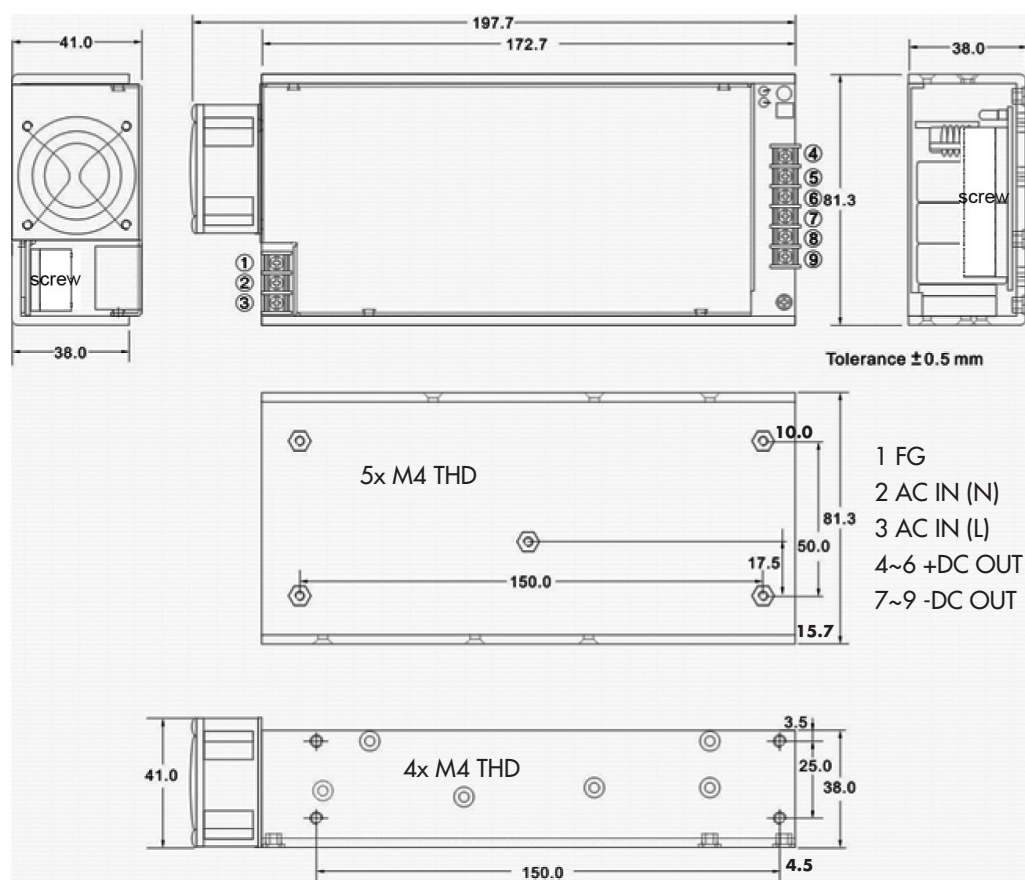
Terminal rating: 25A

At higher current connection has to be splitted



TXH 360 models

Weight: 750 g (26 oz)



Dimensions in [mm], () = Inch

Tolerances ± 0.8 (± 0.03)

Mounting hole pitch tolerances ± 0.5 (± 0.02)

Max mounting screw penetration: 2.5 mm (0.10)

Terminal rating: 25A

At higher current connection has to be splitted