

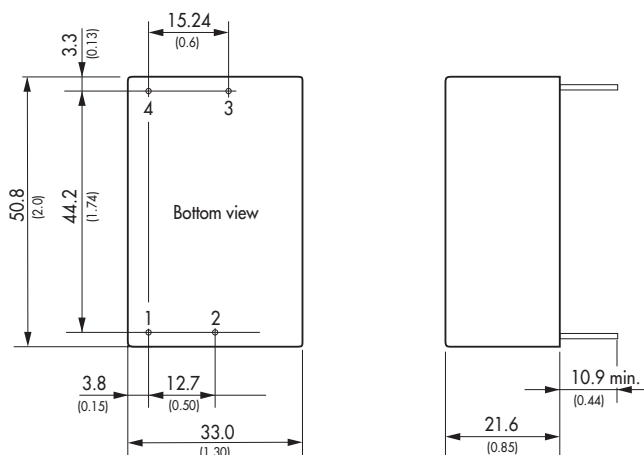
General Specifications

Temperature ranges	– Operating – Storage (non operating)	–25°C to +50°C max. –25°C to +85°C
Derating		5 %/K above +40°C
Temperature coefficient		0.02 %/K
Humidity (non condensing)		85 % rel. H max.
Efficiency		83 % typ.
Switching frequency		100 kHz typ. (fixed)
Isolation voltage	– Input/Output	4'000 VAC
Isolation resistance	– Input/Output	100 MOhm (500 VDC)
Isolation capacitance	– Input/Output	4'700 pF
Electromagnetic compatibility (EMC), Emissions		EN 55022, level B, FCC Part 15 level B UL/EN 60601-1-2 (for medical equipment)
Electromagnetic compatibility (EMC), Immunity	– Electrostatic discharge ESD – RF field susceptibility – Electrical fast transients / bursts on mains line – Surge – Immunity to conducted RF disturbances – Power frequency field immunity – Voltage sags	IEC/EN 60601-1-2 IEC/EN 61000-4-2, 8 kV/8 kV IEC/EN 61000-4-3, 3 V/m IEC/EN 61000-4-4, 2 kV IEC/EN 61000-4-5, 1 kV IEC/EN 61000-4-6, 10 V/m IEC/EN 61000-4-8, 3 A/m IEC/EN 61000-4-11
Protection class		class II (in closed cabinets)
Safety standards	– Information technology equipment – Industrial control equipment – Medical equipment*	IEC/EN 60950-1, UL 60950-1, CSA-C22.2 No. 60950-1-03 UL/cUL 508 (chassis mount version only) IEC/EN 60601-1, ed.3.0 (for 2 x MOOP), UL 60601-1 no re-approval according latest medical standards scheduled!
Safety approvals	– CB certificates – UL approvals for UL 60950-1 and UL 60601 – UL approval for UL 508	www.tracopower.com/overview/tmt www.ul.com -> certifications -> File: e188913 www.ul.com -> certifications -> File: e322109
Reliability, calculated MTBF, at +25°C acc. to IEC 61709		>1.8 Mio h.
Environment	– Vibration – Shock	3 axes, sine sweep, 0.5 mm, 10 – 55Hz, 1 oct. / min, 30 min. 20 g (3 directions each 3 times)
casing		plastic with silicone rubber compound (UL 94V-0 rated)
Environmental compliance	– Reach – RoHS	www.tracopower.com/overview/tmt RoHS directive 2011/65/EU
Soldering temperature		265°C max. / 10 sec.

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

Outline Dimensions

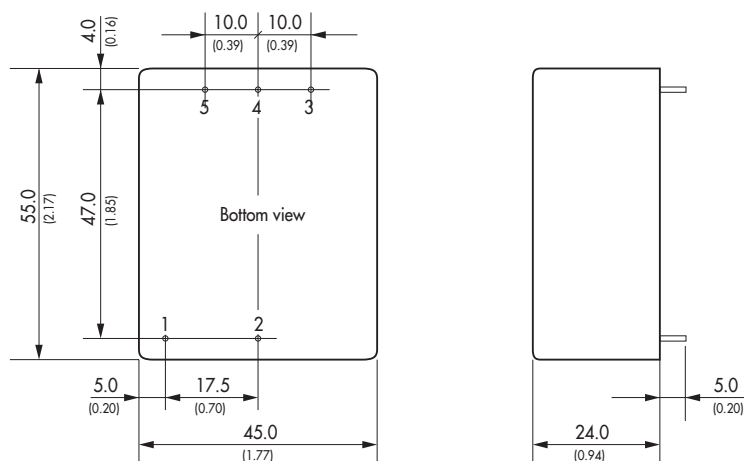
TMT 10 models



Connection	
Pin	
1	AC in
2	AC in
3	-V out
4	+V out

Weight: 52 g (1.8 oz)

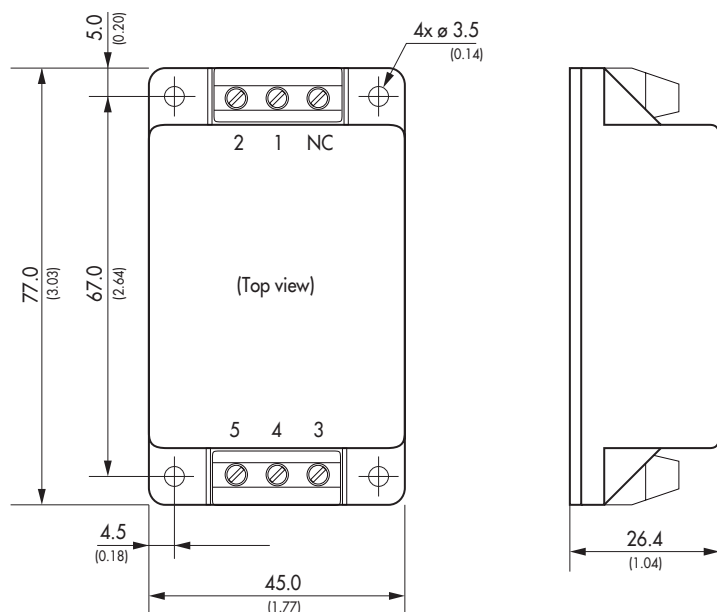
TMT 15 models with solder pins



Weight: 75 g (2.6 oz)

Connection		
Pin	Single	Dual
1	AC in	AC in
2	AC in	AC in
3	-V out	-V out
4	No pin/con	Common
5	+V out	+V out

TMT 15C models with screw terminal block



Weight: 90 g (3.2oz)

Dimensions in [mm], () = Inches
Case tolerances: ± 1.0 (± 0.04)
Pin pitch tolerance: ± 0.5 (± 0.02)
Mounting hole tolerance: ± 0.5 (± 0.02)