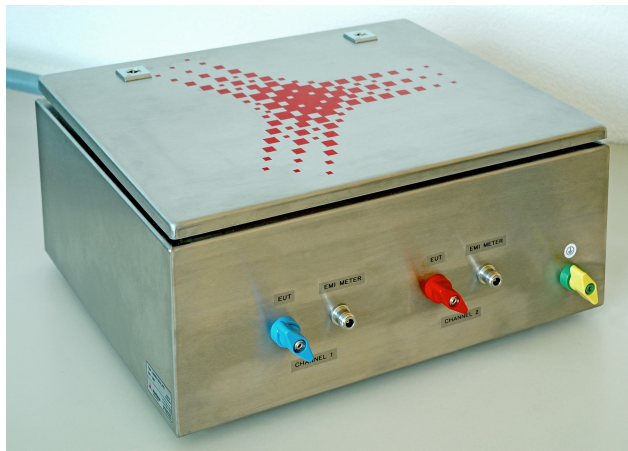


Terminal Protection Device

This terminal protection device (TPD) is specially designed for the protection of the equipment during the NEMP test according to MIL-STD-461 / RS105. It allows also the measurement of the conducted disturbances. The cabinet is composed of LISN channels for the connection and measurement of phases and neutral. The TPD is available in two versions: for single-phase and for 3 phases (3 P + N) power supplies. The mains side is filtered with a feedthrough capacitor and allows the connection of a 33 to 37 mm diameter shielded 5 wires cable. The continuous current capability is up to 100 A. The cabinet is easy to move and the connexion is simple. The connection to the ground can be made either with the 4 metallic feet or with the yellow-green ground plug. A 20 m shielded cable can be separately ordered for the connection to the mains supply (ref. no CA-TPD20).



SPECIFICATIONS

Type	TPD50-100-2	TPD50-100-4
Number of phases	2	4
Dimensions (L x W x H)	50 x 45 x 23 cm	83 x 45 x 23 cm
Weight	19 kg	37 kg
Standard	MIL-Std-462 D and 461 E / F / G	
Maximum current	100 A (continuous)	
Maximum voltage	230 V (DC / 50 Hz) / 400 V between phases 125 V (400 Hz)	
Impedance	50 Ω // 50 μ H \pm 20 %	
Feedthrough capacitors	90 nF / 250 Vac	
Frequency range	10 kHz – 100 MHz	
Mains connector (EUT side)	wing plugs M8	
Mains connector (mains side)	internal screws M8	
Signal connector	N 50 Ω	
Cable gland type	Agro Progress MS	
Shielded cable (outside \varnothing)	33 to 37 mm	

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