

connectPower PROtop

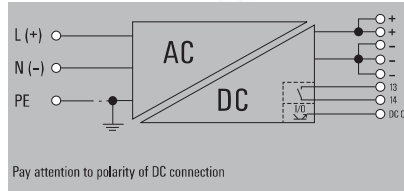
connectPower PROtop

- 1-phase power supplies

PRO TOP1 480 W 48 V 10 A



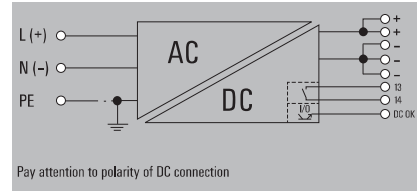
Similar
to illustration



PRO TOP1 960 W 48 V 20 A



Similar
to illustration



Technical data

Input	
Rated input voltage	100 - 240 V AC / 120 - 340 V DC
Input voltage range AC	85...277 V AC
Frequency range AC	45...65 Hz
DC input voltage range	80 ... 410 V DC
Input fuse (internal) / Inrush current	Yes / max. 5 A
Output	
Rated output voltage	48 V DC \pm 1 %
Output voltage	45...56 V
DCL - peak load reserve	150 % (5 s); 500 % (15 ms)
Residual ripple, breaking spikes	< 100 mV _{pp}
Reserve capacity @ U _{Nominal}	130% permanent at \leq 40°C, 150 % (5 s)
Nominal output current for U _{Nom}	10 A @ 60 °C
General data	
Derating	> 60°C (2.5% / 1°C)
Series switching capability	No
Degree of efficiency	93%
Power factor (approx.)	> 0,9
AC failure bridging time @ I _{Nom}	> 20 ms @ 230 V AC / > 20 ms @ 115 V AC
LED green/red	Green: Operation (failure-free), Flashing green: advance warning >90%, Green/red flashing: output switched off (switch-off mode), Flashing red: overload/error
Parallel connection option	yes, max 10
Depth x width x height	125 / 68 / 130 mm
Net weight	1520 g
Approvals	
Approvals	CE, cULus listed C1D2, TUEV, EAC

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		Parallel connection option	yes, max 10
		Depth x width x height	125 / 124 / 130 mm
		Net weight	3382 g
		Approvals	CE, cULus listed C1D2, TUEV, EAC

Connection data	
Connection system	PUSH IN
Number of terminals	3 for L/N/PE
Wire cross-section, rigid min/max	0,2 / 10 mm ²
Wire cross-section, flexible min/max	0,2 / 6 mm ²
Wire cross-section, AWG/kcmil min/max	20 / 8
Note	

Input	Output
Connection system	PUSH IN
Number of terminals	5 (+ + / - -)
Wire cross-section, rigid min/max	0,2 / 10 mm ²
Wire cross-section, flexible min/max	0,2 / 6 mm ²
Wire cross-section, AWG/kcmil min/max	20 / 8

Input	Output
Connection system	PUSH IN
Number of terminals	5 (+ + / - -)
Wire cross-section, rigid min/max	0,75 / 16 mm ²
Wire cross-section, flexible min/max	0,75 / 16 mm ²
Wire cross-section, AWG/kcmil min/max	20 / 4

Ordering data

Type	Qty.	Order No.
PRO TOP1 480W 48V 10A	1	2467030000

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PRO TOP1 480W 48V 10A	1	2467030000

Type	Qty.	Order No.
PRO TOP1 960W 48V 20A	1	2466920000

Note

Current technical data at catalog.weidmueller.com

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