

**connectPower PROtop**

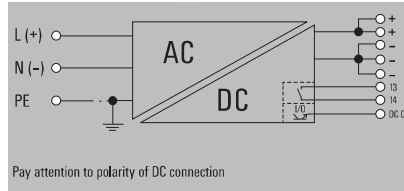
**connectPower PROtop**

- 1-phase power supplies

**PRO TOP1 240 W 24 V 10 A**



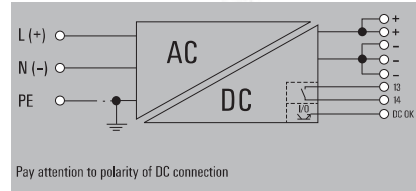
Similar to illustration



**PRO TOP1 480 W 24 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	24 V DC ± 1 %
Output voltage	22.5...28.8 V
DCL - peak load reserve	150 % (5 s); 600 % (15 ms)
Residual ripple, breaking spikes	< 50 mV <sub>rms</sub> @ U <sub>NOM</sub> , Full Load
Reserve capacity @ U <sub>NOM</sub>	130% permanent at ≤ 40°C, 150 % (5 s)
Nominal output current for U <sub>NOM</sub>	10 A @ 60 °C
General data	
Derating	> 60°C (2.5% / 1°C)
Series switching capability	Yes
Degree of efficiency	92 %
Power factor (approx.)	> 0,9
AC failure bridging time @ I <sub>NOM</sub>	> 20 ms @ 230 V AC / > 20 ms @ 115 V AC
LED green/red	Green: Operation (failure-free), Flashing green: advance warning I>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 / 39 / 130 mm
Net weight	1050 g
Approvals	
Approvals	CE, cULus listed C1D2, TUEV, EAC

Input		Output	
PUSH IN with actuator		PUSH IN with actuator	
3 for L/N/PE	0,5 / 1,5	5 (+ + / - -)	0,2 / 2,5
Wire cross-section, rigid min/max	mm <sup>2</sup>	0,5 / 2,5	mm <sup>2</sup>
Wire cross-section, flexible min/max	mm <sup>2</sup>	20 / 12	26 / 12
Wire cross-section, AWG/kcmil min/max			
Note			

Input		Output	
PUSH IN with actuator		PUSH IN with actuator	
3 for L/N/PE	0,2 / 10	5 (+ + / - -)	0,2 / 10
Wire cross-section, rigid min/max	mm <sup>2</sup>	0,2 / 6	mm <sup>2</sup>
Wire cross-section, flexible min/max	mm <sup>2</sup>	20 / 8	20 / 8
Wire cross-section, AWG/kcmil min/max			
Note			

**Ordering data**

Type	Qty.	Order No.
PRO TOP1 240W 24V 10A	1	2466880000

Type	Qty.	Order No.
PRO TOP1 480W 24V 20A	1	2466890000

Type	Qty.	Order No.
PRO TOP1 480W 24V 20A	1	2466890000

Note

Current technical data at [catalog.weidmuller.com](http://catalog.weidmuller.com)

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