

**connectPower PROtop**

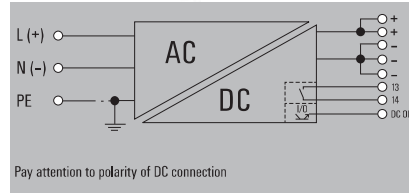
- 1-phase power supplies



**PRO TOP1 72 W 24 V 3 A**



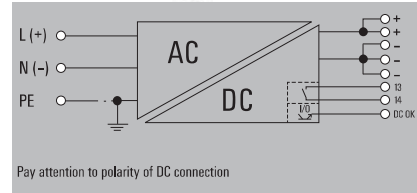
Similar to illustration



**PRO TOP1 120 W 24 V 5 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); 400 % (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>	3 A @ 60 °C
General data	
Derating	> 60°C (2.5% / 1°C)
Series switching capability	Yes
Degree of efficiency	89%
Power factor (approx.)	> 0,5
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 / 35 / 130 mm
Net weight	650 g
Approvals	
Approvals	CE, cULus listed C1D2, TUEV, EAC

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>	5 A @ 60 °C
General data	
Derating	> 60°C (2.5% / 1°C)
Series switching capability	Yes
Degree of efficiency	91%
Power factor (approx.)	> 0,85
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 / 35 / 130 mm
Net weight	850 g
Approvals	
Approvals	CE, cULus listed C1D2, TUEV, EAC

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	38...410 V DC (Derating 40% @ 48 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>	5 A @ 60 °C
General data	
Derating	> 60°C (2.5% / 1°C)
Series switching capability	Yes
Degree of efficiency	91%
Power factor (approx.)	> 0,85
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 / 35 / 130 mm
Net weight	850 g
Approvals	
Approvals	CE, cULus listed C1D2, TUEV, EAC

Connection data	
Connection system	PUSH IN with actuator
Number of terminals	3 for L/N/PE
Wire cross-section, rigid min/max	0,5 / 1,5 mm <sup>2</sup>
Wire cross-section, flexible min/max	0,5 / 2,5 mm <sup>2</sup>
Wire cross-section, AWG/kcmil min/max	20 / 12
Note	

Input	Output
PUSH IN with actuator	PUSH IN with actuator
3 for L/N/PE	5 (+ + / - -)
0,5 / 1,5	0,2 / 2,5
0,5 / 2,5	0,2 / 2,5
20 / 12	26 / 12

Input	Output
PUSH IN with actuator	PUSH IN with actuator
3 for L/N/PE	5 (+ + / - -)
0,5 / 1,5	0,2 / 2,5
0,5 / 2,5	0,2 / 2,5
20 / 12	26 / 12

**Ordering data**

Type	Qty.	Order No.
PRO TOP1 72W 24V 3A	1	2466850000

Type	Qty.	Order No.
PRO TOP1 72W 24V 3A	1	2466850000

Type	Qty.	Order No.
PRO TOP1 120W 24V 5A	1	2466870000

Note

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

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