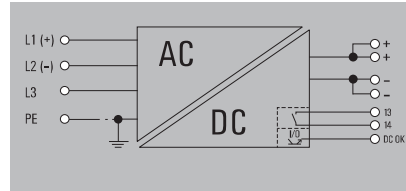


connectPower PROtop

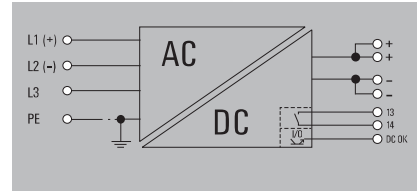
connectPower PROtop

- 3-phase power supplies

PRO TOP3 480 W 24 V 20 A



PRO TOP3 960 W 24 V 40 A



Technical data

Input	
Rated input voltage	3 x 400...3 x 500 V AC (wide-range input)
Input voltage range AC	3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC
Frequency range AC	45...65 Hz
DC input voltage range	450...800 V DC (max. 500 V DC acc. to UL508)
Input fuse (internal) / Inrush current	No / Max. 10 A
Output	
Rated output voltage	24 V DC \pm 1 %
Output voltage	22.5...28.8 V
DCL - peak load reserve	150 % (5 s); 500 % (15 ms)
Residual ripple, breaking spikes	< 50 mVss @ U_{Nomin} , Full Load
Reserve capacity @ U_{Nomin}	130% permanent at $\leq 40^\circ\text{C}$, 150 % (5 s)
Nominal output current for U_{Nomin}	20 A @ 60 °C
General data	
Derating	> 60°C (2.5% / 1°C)
Series switching capability	Yes
Degree of efficiency	94%
Power factor (approx.)	> 0,75 @ 3x400 V AC
AC failure bridging time @ I_{Nomin}	> 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	1650 g
Approvals	
Approvals	CE, cULus listed C1D2, TUEV, EAC

Input		Output	
3 x 400...3 x 500 V AC (wide-range input)		48 V DC \pm 1 %	
3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC		22.5...28.8 V	
45...65 Hz		150 % (5 s); 400 % (15 ms)	
450...800 V DC (max. 500 V DC acc. to UL508)		< 50 mVss @ U_{Nomin} , Full Load	
No / Max. 10 A		130% permanent at $\leq 40^\circ\text{C}$, 150 % (5 s)	
		40 A @ 60 °C	
> 60°C (2.5% / 1°C)		> 60°C (2.5% / 1°C)	
Yes		Yes	
94%		95,3 %	
> 0,75 @ 3x400 V AC		> 0,75 @ 3x400 V AC	
> 20 ms @ 230 V AC / > 20 ms @ 115 V AC		> 20 ms @ 230 V AC / > 20 ms @ 115 V AC	
Green: Operation (failure-free), Flashing green: advance warning >90%, Green/red flashing: output switched off (switch-off mode), Flashing red: overload/error		Green: Operation (failure-free), Flashing green: advance warning >90%, Green/red flashing: output switched off (switch-off mode), Flashing red: overload/error	
yes, max 10		yes, max 10	
125 / 68 / 130 mm		175 / 89 / 130 mm	
1650 g		2490 g	
CE, cULus listed C1D2, TUEV, EAC		CE, cULus listed C1D2, TUEV, EAC	

Input		Output	
3 x 400...3 x 500 V AC (wide-range input)		48 V DC \pm 1 %	
3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC		22.5...28.8 V	
45...65 Hz		150 % (5 s); 400 % (15 ms)	
450...800 V DC (max. 500 V DC acc. to UL508)		< 50 mVss @ U_{Nomin} , Full Load	
No / Max. 10 A		130% permanent at $\leq 40^\circ\text{C}$, 150 % (5 s)	
		40 A @ 60 °C	
> 60°C (2.5% / 1°C)		> 60°C (2.5% / 1°C)	
Yes		Yes	
94%		95,3 %	
> 0,75 @ 3x400 V AC		> 0,75 @ 3x400 V AC	
> 20 ms @ 230 V AC / > 20 ms @ 115 V AC		> 20 ms @ 230 V AC / > 20 ms @ 115 V AC	
Green: Operation (failure-free), Flashing green: advance warning >90%, Green/red flashing: output switched off (switch-off mode), Flashing red: overload/error		Green: Operation (failure-free), Flashing green: advance warning >90%, Green/red flashing: output switched off (switch-off mode), Flashing red: overload/error	
yes, max 10		yes, max 10	
125 / 68 / 130 mm		175 / 89 / 130 mm	
1650 g		2490 g	
CE, cULus listed C1D2, TUEV, EAC		CE, cULus listed C1D2, TUEV, EAC	

Connection data	
Connection system	PUSH IN
Number of terminals	4 for L1/L2/L3/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
PUSH IN	PUSH IN
4 for L1/L2/L3/PE	4 (+ / -)
0,2 / 10	0,2 / 10
0,2 / 6	0,2 / 6
20 / 8	20 / 8

Input	Output
PUSH IN	PUSH IN
4 for L1/L2/L3/PE	4 (+ / -)
0,75 / 16	0,75 / 16
0,75 / 16	0,75 / 16
20 / 4	20 / 4

Ordering data

Type	Qty.	Order No.
PRO TOP3 480W 24V 20A	1	2467100000

Type	Qty.	Order No.
PRO TOP3 480W 24V 20A	1	2467100000

Type	Qty.	Order No.
PRO TOP3 960W 24V 40A	1	2467120000

Note
Current technical data at catalog.weidmueller.com

Note
Current technical data at catalog.weidmueller.com

Note
Current technical data at catalog.weidmueller.com