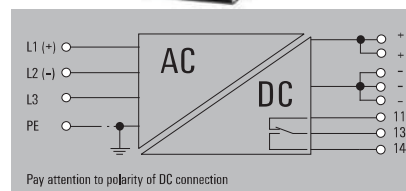
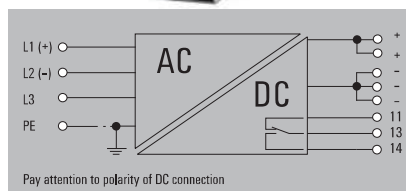


connectPower PROmax

PRO MAX3 120W 24V 5A

PRO MAX3 240W 24V 10A



Technical data

Input	
Rated input voltage	
Input voltage range AC	
Frequency range AC	
DC input voltage range	
AC current consumption	
DC current consumption	
Input fuse (internal) / Inrush current	
Recommended back-up fuse	

3 x 400...3 x 500 V AC (wide-range input)
3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC
45...65 Hz
450...800 V DC (max. 500 V DC acc. to UL508)
0,28A @ 3*500 VAC / 0,3A @ 3*400 VAC
0,18 A @ 800 V DC / 0,3 A @ 450 V DC
Yes / max. 15 A
2...3 A, char. C circuit breaker

3 x 400...3 x 500 V AC (wide-range input)
3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC
45...65 Hz
450...800 V DC (max. 500 V DC acc. to UL508)
0,35A @ 3*500 VAC / 0,4A @ 3*400 VAC
0,35 A @ 800 V DC / 0,6 A @ 450 V DC
Yes / max. 15 A
3 - 5 A, char. C, circuit breaker

Output	
Rated output voltage	
Output voltage	
Residual ripple, breaking spikes	
Nominal output current for I_{nom}	
Continuous output current @ $U_{Nominal}$	
Reserve capacity @ $U_{Nominal}$	
Current capacity (pulse) @ $U_{Nominal}$	

24 V DC \pm 1 %
22.5...29.5 V (adjustable via potentiometer)
< 50 mVss @ U_{Nomin} , Full Load
5 A @ 60 °C
6,0 A @ 45 °C, 3,75 A @ 70 °C
6 A (1 min), 7,5 A (4s), 400...500 V AC
15 A (2ms)

24 V DC \pm 1 %
22.5...29.5 V (adjustable via potentiometer)
< 50 mVss @ U_{Nomin} , Full Load
10 A @ 60 °C
12 A @ 45°C, 7,5 A @ 70°C
12 A (1 min), 15 A (4s)
30 A (2ms)

General data	
Degree of efficiency	
Power factor (approx.)	
AC failure bridging time @ I_{nom}	
Protection against reverse voltages from the load	
Parallel connection option	
Depth x width x height	
Net weight	

90%
> 0.50 @ 3x400 V AC
min. 20 ms
30...35 V DC
yes, max. 5
125 / 40 / 130 mm
783 g

91.5%
> 0.85 @ 3*400 V AC
min. 20 ms
30...35 V DC
yes, max. 5
125 / 60 / 130 mm
1322 g

Approvals	
Approvals	

CE, cULus, cULus listed C1D2, cURus, RCM, EAC, SEMI F47, CB-scheme, CCC, GL, TUEV

CE, cULus, cULus listed C1D2, cURus, RCM, EAC, SEMI F47, CB-scheme, CCC, GL, TUEV

Connection data	
Connection system	
Number of terminals	
Wire cross-section, rigid min/max	mm ²
Wire cross-section, flexible min/max	mm ²
Wire cross-section, AWG/kcmil min/max	

Input	Output
Screw connection	Screw connection
4 for L1/L2/L3/PE	8 (+, -, 11, 13, 14)
0.18 / 6	0.5 / 6
0.22 / 4	0.5 / 4
26 / 10	26 / 12

Input	Output
Screw connection	Screw connection
4 for L1/L2/L3/PE	8 (+, -, 11, 13, 14)
0.18 / 6	0.18 / 6
0.22 / 4	0.22 / 4
26 / 10	26 / 10

Note

Ordering data

Type	Qty.	Order No.
PRO MAX3 120W 24V 5A	1	1478170000

Type	Qty.	Order No.
PRO MAX3 240W 24V 10A	1	1478180000

Note

The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system.

The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system.