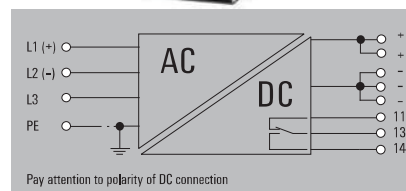
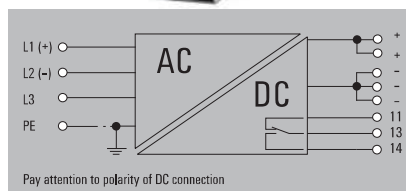


connectPower PROmax

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
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CE, cULus, cULus listed C1D2, cURus, RCM, EAC, SEMI F47, CB-scheme, CCC, GL, TUEV
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Connection data	
Connection system	
Number of terminals	
Wire cross-section, rigid min/max	mm <sup>2</sup>
Wire cross-section, flexible min/max	mm <sup>2</sup>
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.