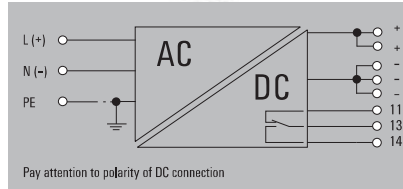


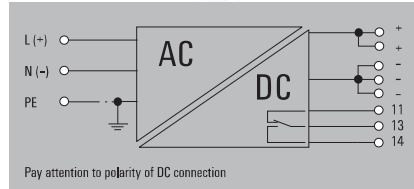
connectPower PROmax

connectPower PROmax

PRO MAX 180W 24V 7,5A



PRO MAX 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

100...240 V AC (wide-range input)
85...277 V AC
45...65 Hz
80...370 V DC
1 A @ 230 V AC / 2 A @ 115 V AC
1A @ 370 VDC / 2A @ 120 VDC
Yes / max. 15 A
10 A, Char. B circuit breaker, 6...8 A, char. C circuit breaker

100...240 V AC (wide-range input)
85...277 V AC
45...65 Hz
80...370 V DC
1.5 A @ 230 V AC / 3 A @ 115 V AC
1,5A @ 370 VDC / 3A @ 120 VDC
Yes / max. 15 A
10 A, Char. B circuit breaker, 6...8 A, char. C circuit breaker

Output

Rated output voltage
Output voltage
Residual ripple, breaking spikes
Nominal output current for U_{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
7,5 A @ 60 °C
9 A @ 45°C, 5,6 A @ 70°C
9 A (1 min), 11,25 A (4s)
22,5 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

91.5%
> 0.95 @ 230 V AC
min. 20 ms
30...35 V DC
yes, max. 5
125 / 50 / 130 mm
950 g

91.5%
> 0.95 @ 230 V AC
min. 20 ms
30...35 V DC
yes, max. 5
125 / 60 / 130 mm
1050 g

Approvals

Approvals

CE; cULus; cULusEX; cURus; DNVL; EAC; 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
Wire cross-section, flexible min/max
Wire cross-section, AWG/kcmil min/max

Input	Output
Screw connection	Screw connection
3 for L/N/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
3 for L/N/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 MAX 180W 24V 7,5A	1	1478120000

Type	Qty.	Order No.
PRO MAX 240W 24V 10A	1	1478130000

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.