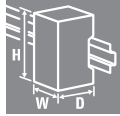


## connectPower PROeco

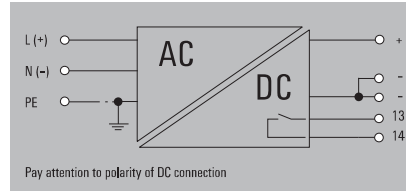
## connectPower PROeco



## PRO ECO 72W 12V 6A



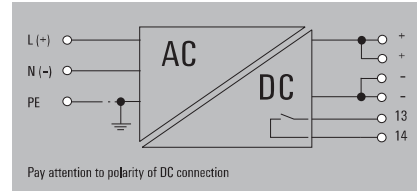
Similar  
to illustration



## PRO ECO 120W 12V 10A



Similar  
to illustration



## 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	
Output	
Rated output voltage	
Output voltage	
Ramp-up time / Residual ripple, breaking spikes	
Nominal output current for $U_{nom}$	
Continuous output current @ $U_{Nominal}$	
Capacitive load	
Protection against inverse voltage	
Signalling	
Indication	
Floating contact / Contact load	
Relay on/off	
General data	
Degree of efficiency	
Power loss idling / nominal load / Power loss, nominal load	
Earth leakage current, max.	
Power factor (approx.)	
AC failure bridging time @ $I_{nom}$	
Parallel connection option	
Depth x width x height / Net weight	
Approvals	
Approvals	
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	
Note	

## Ordering data

Type	Qty.	Order No.
PRO ECO 72W 12V 6A	1	1469570000

## Note

100...240 V AC (wide-range input)
85...264 V AC (derating at 100 V AC)
47...63 Hz
80...370 V DC (Derating @ 120 V DC)
0.6 A @ 230 V AC / 1.1 A @ 115 V AC
0.25 A @ 370 V DC / 0.7 A @ 120 V DC
Yes / max. 40 A
2 A / DI, safety fuse
6 A, Char. B, circuit breaker
2...4 A, Char. C circuit breaker
12 V DC $\pm$ 1 %
10...16 V (adjustable via potentiometer)
$\leq$ 100 ms / < 50 mV ss @ 12 V DC, I Nenn
6 A @ 55 °C
6 A @ 55 °C, 4.5 A @ 60 °C
unrestricted
Yes
Green LED ( $U_{output} > 21.6$ V DC), Yellow LED ( $I_{output} > 90 \% I_{Rated}$ typ. ), red LED (overload, overtemperature, short-circuit, $U_{output} < 20.4$ V DC)
Yes / max. 30 V DC / 1 A
Output voltage >21.6 V DC / <20.4 V DC, overload
85 %
4 W / 15 W
3.5 mA
> 0.5...230 V AC / > 0.53...115 V AC
> 100 ms @ 230 V AC / > 20 ms @ 115 V AC
yes, max. 5
100 / 34 / 125 mm / 570 g
CE, TUEV (EN/IEC 60950-1), cULus, EAC

Input	Output
Screw connection	Screw connection
3 for L/N/PE	5 (+,-,13,14)
0.5 / 6	0.5 / 6
0.5 / 2.5	0.5 / 2.5
26 / 12	26 / 12

Type	Qty.	Order No.
PRO ECO 72W 12V 6A	1	1469570000

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

100...240 V AC (wide-range input)
85...264 V AC (derating at 100 V AC)
47...63 Hz
80...370 V DC (Derating @ 120 V DC)
1.25 A @ 230 V AC / 2.25 A @ 110 V AC
0.4 A @ 370 V DC / 1.2 A @ 120 V DC
Yes / max. 40 A
4 A / DI, safety fuse
6 A, Char. B, circuit breaker
3...5 A, Char. C, circuit breaker
12 V DC $\pm$ 1 %
10...16 V (adjustable via potentiometer)
$\leq$ 100 ms / < 50 mV ss @ 12 V DC, I Nenn
10 A @ 55 °C
10 A @ 55 °C, 2.5 A @ 70 °C
unrestricted
Yes
Green LED ( $U_{output} > 21.6$ V DC), Yellow LED ( $I_{output} > 90 \% I_{Rated}$ typ. ), red LED (overload, overtemperature, short-circuit, $U_{output} < 20.4$ V DC)
Yes / max. 30 V DC / 1 A
Output voltage >21.6 V DC / <20.4 V DC, overload
87 %
4 W / 20 W
3.5 mA
> 0.5...230 V AC / > 0.53...115 V AC
> 80 ms @ 230 V AC / > 20 ms @ 115 V AC
yes, max. 5
100 / 40 / 125 mm / 684 g
CE, TUEV (EN/IEC 60950-1), cULus, EAC

Input	Output
Screw connection	Screw connection
3 for L/N/PE	6 (+,-,13,14)
0.5 / 6	0.5 / 6
0.5 / 2.5	0.5 / 2.5
26 / 12	26 / 12

Type	Qty.	Order No.
PRO ECO 120W 12V 10A	1	1469580000

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