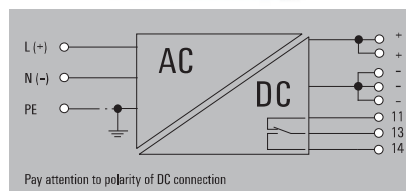
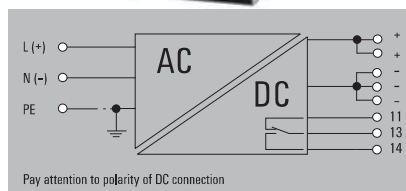


connectPower PROmax

PRO MAX 480W 24V 20A

PRO MAX 960W 24V 40A



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 |
| 2,3A @ 230 VAC / 4,8A @ 115 VAC |
| 1,5A @ 370 VDC / 4,8A @ 120 VDC |
| Yes / max. 15 A |
| 16 A, char. B circuit breaker, 10 A, Char. C circuit breaker |

| |
|---|
| 100...240 V AC (wide-range input) |
| 85...277 V AC |
| 45...65 Hz |
| 80...370 V DC |
| 4,52A @ 230 VAC / 10A @ 115 VAC |
| 2,8A @ 370 VDC / 10A @ 120 VDC |
| Yes / max. 15 A |
| 20 A, char. B circuit breaker, 16 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_{nom} , Full Load |
| 20 A @ 60 °C |
| 24 A @ 45°C, 15 A @ 70°C |
| 24 A (1 min), 30 A (4s), 100...240 V AC |
| 60 A (2ms) |

| |
|--|
| 24 V DC \pm 1 % |
| 22.5...29.5 V (adjustable via potentiometer) |
| < 50 mVss @ U_{nom} , Full Load |
| 40 A @ 60 °C |
| 48 A @ 45°C, 30 A @ 70°C |
| 48 A (1 min), 60 A (4s), 100...240 V AC |
| 120 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 |

| |
|-------------------|
| 92 % |
| > 0.95 @ 230 V AC |
| min. 20 ms |
| 30...35 V DC |
| yes, max. 3 |
| 150 / 90 / 130 mm |
| 2000 g |

| |
|--------------------|
| 93% |
| > 0.95 @ 230 V AC |
| min. 20 ms |
| 30...35 V DC |
| yes, max. 3 |
| 150 / 140 / 130 mm |
| 3900 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 |
| 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 |

| Input | Output |
|------------------|----------------------|
| Screw connection | Screw connection |
| 3 for L/N/PE | 8 (+, -, 11, 13, 14) |
| 0.18 / 6 | 0.5 / 16 |
| 0.22 / 4 | 0.5 / 16 |
| 26 / 10 | 22 / 8 |

| Note |
|------|
| |

Ordering data

| Type | Qty. | Order No. |
|----------------------|------|------------|
| PRO MAX 480W 24V 20A | 1 | 1478140000 |

| Type | Qty. | Order No. |
|----------------------|------|------------|
| PRO MAX 960W 24V 40A | 1 | 1478150000 |

| 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.