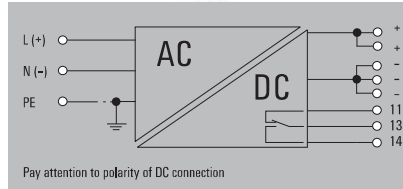


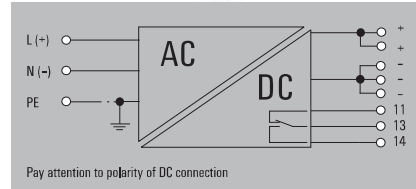
## connectPower PROmax

## 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 @ $U_{Nom}$ , 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 @ $U_{Nom}$ , 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; DNVGL; 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.