

Evolution+ Power supply 3-phase, primary switched IN: 360-520VAC OUT: 22-28V/5ADC

INPUT: 3×360...520 V AC/480...745 V DC

OUTPUT: 24 V DC ± 1%

Current: 5 A

Image

- stable output voltage, (short-circuit and overload protected)
- Wide voltage input

Vicarious picture

Approvals**Input**

| | |
|---------------------------|-----------------------------------|
| Input voltage | 3 × 324...572 V AC/480...745 V DC |
| Input current | 3 × 0.45 A |
| Inrush current after 1 ms | max. 10 A |
| External fuse | max. 3 × 10 A |
| Frequency | 50/60 Hz |

Output

| | |
|---------------------------------------|--|
| Output voltage | 24 V DC (SELV), ±1 %; 22...28 V adjustable |
| Output current | 5 A (+55 °C); 3 A (+70 °C) |
| Powerboost | +150 % (min. 4 sec.) |
| Mains failure bridging time | min. 30 ms (400 V AC) |
| Ripple | max. 50 mV rms |
| Short-circuit and overload protection | yes |
| Spikes | max. 100 mV p-p |
| LED display | LED (green): OK; LED (red): overload |
| Parallel usage/serial usage | max. 5 units/max. 2 units |
| Alarm output | electronic relay max. 30 V DC/0.1 A, group alarm |

General data

| | |
|----------------------|--|
| Standards | (EN 60950-1), (EN 61204-3), (EN 55022 B), (EN 61000-3-2) |
| Temperature range | -25...+70 °C (storage temperature -40...+85 °C) |
| Relative humidity | 5...95 %, no condensation |
| Protection | Circuit board with protective varnish |
| Efficiency | 86 % |
| Mounting method | DIN-rail mountable TH35 (EN 60715) |
| Dimensions H × W × D | 132 x 83 x 98 mm |
| Protection | IP20 |

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 08/13

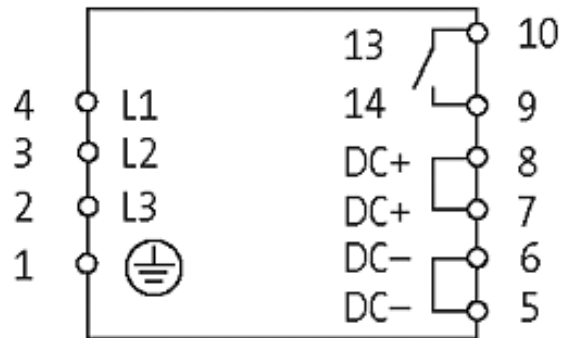
Commercial data

| | |
|--------------------------------|----------|
| Net weight | 1000 |
| Weight unit | gram |
| Basic unit | pc. |
| Customs tariff number | 85044090 |
| Unit (piece) | 1 |
| Minimum order quantity (piece) | 1 |

Functions

PFC

Circuit diagram



Dimension drawing

