

Emparro 40-3x360-500/24 S

Screw mounting

INPUT: 3× 324...572 V AC / 480...745 V DC

OUTPUT: 24...28 V DC

Current: 40 A

[Link to Product](#)**Illustration**

Product may differ from Image

**Input**

| | |
|---------------------------|--|
| Input voltage | 3× 324...572 V AC/480...745 V DC |
| Input current | 2.3 A (3× 360 V AC); 1.6 A (3× 500 V AC) |
| Inrush current after 1 ms | max. 14 A (3× 500 V AC) |
| Power factor | 0.88 (3× 500 V AC) |
| Frequency | 50...60 Hz |
| Input fuse (internal) | 3× 6.3 A (T) |

Output

| | |
|-----------------------------|---|
| Output voltage | 24 V DC (SELV), ±1%; 24...28 V adjustable |
| Power Boost | I _{out} N × 150% (min. 5 s) |
| LED display | LED (green): OK; LED (red): overload, overheating or short-circuit |
| Output current | 30 A (70 °C); 40 A (60 °C); 48 A (45 °C) |
| Mains failure bridging time | min. 40 ms (3× 500 V AC) |
| Ripple | max. 20 mV eff/rms |
| Spikes | max. 90 mV ss/pp |
| Unit protection | short-circuit and overload protected, permanently by 20% (to 45 °C) |
| Parallel usage/serial usage | max. 3 units |

General data

| | |
|-------------------|---|
| Standards | IEC 61010-2-201, EN 61204-3, EN 55011 B, EN 61000-3-2, SEMI F47 |
| Mounting method | 4 hole screw mounting |
| Temperature range | -40...+70 °C, ...+70 °C derating (storage temperature -40...+85 °C) |
| Relative humidity | 5...95%, no condensation |

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2023-07-17

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|------------------|--|
| Protection | IP20 |
| Efficiency | 93.7% (3× 400 V AC); 93.5% (3× 480 V AC) |
| Connection | Push-In spring clamp terminals |
| Dimensions H×W×D | 138×109×182 mm |