

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



| 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                                            |
| 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                                                      |
| Output                      |                                                                     |
| Output voltage              | 24 V DC (SELV), ±1%; 24...28 V adjustable                           |
| Power Boost                 | Iout 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                                                        |
| 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)            |
|                                        |                         |
| Product article number of manufacturer | 85698                   |