

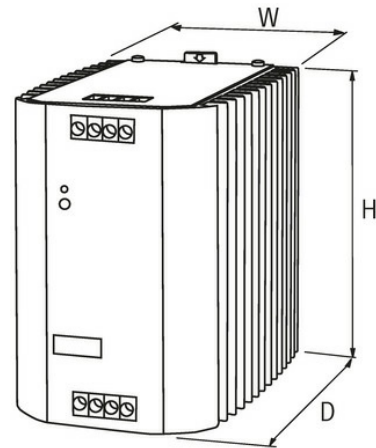
**EVOLUTION+ POWER SUPPLY 3-PHASE,**

Alarm Contact and varnished PCB

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

OUTPUT: 48...56 V DC

Current: 10 A

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

Product may differ from Image

**General data**

|                   |   |
|-------------------|---|
| Standards         | IEC 61010-2-201, EN 61204-3, EN 55022 B, EN 61000-3-2 |
| Mounting method   | DIN-rail mountable TH35 (EN 60715)                    |
| Temperature range | -25...+70 °C (storage temperature -40...+85 °C)       |
| Protection        | Varnished board                                       |
| Relative humidity | 5...95%, no condensation                              |
| Protection        | IP20  |
| Efficiency        | 92.3% (3× 360 V AC); 91% (3× 520 V AC)                |
| Connection        | Screw terminals                                       |
| Dimensions H×W×D  | 132×113×136 mm  |

**Output**

|                             |  |
|-----------------------------|--|
| Output voltage              | 48 V DC (SELV), ±1%; 48...56 V adjustable        |
| Power Boost                 | I <sub>out</sub> N × 150% (min. 4 s)             |
| LED display                 | LED (green): OK; LED (red): overload             |
| Alarm output                | electronic relay max. 30 V DC/0.1 A, group alarm |
| Output current              | 10 A (+55 °C); 8 A (+70 °C)                      |
| Mains failure bridging time | min. 24 ms (400 V AC)                            |
| Ripple                      | max. 50 mV eff/rms                               |
| Spikes                      | max. 100 mV ss/pp                                |
| Unit protection             | short-circuit and overload protected             |
| Parallel usage/serial usage | max. 5 units/no                                  |

**Input**

|                           |                                  |
|---------------------------|----------------------------------|
| Input voltage             | 3x 324...572 V AC/480...745 V DC |
| Primary fusing external   | max. 3x 20 A                     |
| Input current             | 3x 1.3 A                         |
| Inrush current after 1 ms | max. 23 A                        |
| Frequency                 | 50...60 Hz                       |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85044090      |
| EAN                   | 4048879387118 |
| eClass                | 27049002      |
| Packaging unit        | 1.000         |