

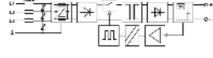
| connect                         | 011     |
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| The Contract of                 |         |
| Weldmüller 3:                   |         |

| General ordering data   |                       |
|-------------------------|-----------------------|
| Order No.               | 9917790324            |
| Short text for material | CP-SNT 380-480VAC/24V |
| EAN                     | 4032248217717         |
| Qty                     | 1                     |
|                         |                       |

| Input                    |   |
|--------------------------|---|
| Input voltage            | 306 550 V AC, typ.: 360480<br>V AC      |
| Input current            | 120 mA @ 360 V AC; 100 mA<br>@ 230 V AC |
| Making current limit     | Thermistor                              |
| Input frequency          | 50/ 60 Hz                               |
| Overvoltage protection   | Varistor                                |
| max. connection range    | AWG26-12 (0.1-4.0 mm²)                  |
| Input current at 360 Vac | 120 mA RMS / Phase                      |
| Input current at 230 Vac | 100 mA RMS / Phase                      |
| Input fuse               | 3 x 1 A slow-blow fuse (internal)       |
| Connection system        | Screw connection                        |
|                          |   |

| Output                                      |                               |
|---|-------------------------------|
| Connection system                           | Screw connection              |
| Output voltage                              | 24 V DC                       |
| Output current                              | 2.3 A                         |
| max. connection range                       | AWG26-12 (0.1-4.0 mm²)        |
| max. capacitance at output                  | 10000 μF                      |
| Control at 10100% load                      | 1%                            |
| Control at input voltage                    | 0.8 %                         |
| max. residual ripple                        | < 50 mV RMS                   |
| Overload protection                         | Overvoltage / thermal cut-out |
| max. output power                           | 55 W                          |
| Parallel connection option                  | no                            |
| Mains failure bridge-over time for 360 V AC | 120 ms                        |
| Mains failure bridge-over time for 480 V AC | 120 ms                        |

| General data            |   |
|-------------------------|---|
| Power factor correction | no  |
| DIN Rail compatibility  | TS 35   |
| Status indication       | green LED                                     |
| EMC standards           | EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3 |
| Enclosure               | Metal   |
| Weight                  | 526 g   |
| Standards               | EN 50178, EN 60950, IEC950                    |
| Switching frequency     | 100 kHz                                       |
| Low Voltage Directive   | 73/ 23/ EWG                                   |
| Operating temperature   | 0 °C+50 °C                                    |
| Storage temperature     | -40 °C+85 °C                                  |



| Insulation coordination            |                                   |
|------------------------------------|-----------------------------------|
| Electrical isolation, output-earth | 500 V RMS                         |
| Electrical isolation, input-earth  | 1.5 kV RMS                        |
| Electrical isolation, input-output | 3 kV RMS                          |
| Humidity at storage temerature     | 20 to 90% RH without condensation |
| Humidity at operating temerature   | 20 - 85% RH without condensation  |
| Electrical isolation, I/O rail     | 3 kV RMS                          |
| Ingress protection class           | IP 20                             |

| Dimensions           |         |  |
|----------------------|---------|--|
| Clamping range, min. | 0,1 mm² |  |
| Clamping range, max. | 4 mm²   |  |
| Clamping range, nom. | 4 mm²   |  |
| Length               | 168 mm  |  |
| Height               | 108 mm  |  |
| Width                | 60 mm   |  |

| Approvals |               |
|-----------|---------------|
| Approvals | CSA;UL/UR;CE; |

| Classifications |             |
|-----------------|-------------|
| ETIM 2.0        | EC001039    |
| ETIM 3.0        | EC001039    |
| eClass 4.1      | 27-24-04-10 |
| eClass 5.0      | 27-24-22-13 |
| eClass 5.1      | 27-24-22-13 |

## Related products



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