



General ordering data

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

Input

| | |
|--------------------------|---------------------------------------|
| Input voltage | 306... 550 V AC, typ.: 360...480 V AC |
| Input current | 120 mA @ 360 V AC; 100 mA @ 230 V AC |
| Making current limit | Thermistor |
| Input frequency | 50/ 60 Hz |
| Overvoltage protection | Varistor |
| max. connection range | AWG26-12 (0.1-4.0 mm ²) |
| 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 mm ²) |
| max. capacitance at output | 10000 µF |
| Control at 10...100% 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

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|------------------------------------|-----------------------------------|
| 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 temperature | 20 to 90% RH without condensation |
| Humidity at operating temperature | 20 - 85% RH without condensation |
| Electrical isolation, I/O rail | 3 kV RMS |
| Ingress protection class | IP 20 |

Dimensions

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|----------------------|---------------------|
| Clamping range, min. | 0,1 mm ² |
| Clamping range, max. | 4 mm ² |
| Clamping range, nom. | 4 mm ² |
| Length | 168 mm |
| Height | 108 mm |
| Width | 60 mm |

Approvals

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

Classifications

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|------------|-------------|
| 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