Representative Image

## Catalog No. 1SVR427034R2000

**Description: CP-E 48/5.0 Power supply In:115/230VAC Out: 48VDC/5A**

**UPC No 4016779669726**

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The CP-E 48/5.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 90-132 V AC, 180-264 V AC and 210-375 V DC, rated input voltage is 115 or 230 V AC (auto select). The rated output power is 240 W, rated output current is 5 A at an output voltage of 48 V DC. The output voltage is adjustable within a range of 47 to 56 V DC. The power supply provides an U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel.

### Descriptors

| | |
|---|---|
| Category | Power Supplies |

### Specifications

| | |
|---|---|
| Product Main Type | CP-E |
| Number of phases | 1 |
| Input Voltage | 90 ... 132 V AC<br>180 ... 264 V AC<br>210 ... 375 V DC |
| Output Voltage | 48 V DC |
| Output Current | 5 A |
| Output Power | 240 W |
| Function | Switch mode power supply |
| Rated Input Voltage | 115 / 230 V AC |
| Rated Frequency Limits | 47 ... 63 Hz |
| Characteristic of Output | U/I characteristic curve |
| Rated Output Power | 240 W |
| Rated Output Voltage | 48 V DC |
| Rated Output Current | 5 A |
| Rated Insulation Voltage | Input Circuit 3 V<br>Output Circuit 3 V<br>Input Circuit 2 V<br>PE 2 V |
| Degree of Protection | Housing<br>Terminals IP20<br>IP20 |
| Pollution Degree | 2 |
| Connecting Capacity Input Circuit | Flexible with Ferrule 0.2 ... 4 mm²<br>Rigid 0.2 ... 6 mm² |
| Connecting Capacity Output Circuit | Flexible with Ferrule 0.2 ... 4 mm²<br>Rigid 0.2 ... 6 mm² |
| Tightening Torque | Input Circuit 1 N-m<br>Output Circuit 0.62 N-m |
| Wire Stripping Length | Input Circuit 8 mm<br>Output Circuit 8 mm |
| Minimum Mounting Distance | Electrical Conductive Board, Horizontal 25 mm<br>Electrical Conductive Board, Vertical 25 mm<br>Other Device Same Type, Horizontal 25 mm<br>Other Device Same Type, Vertical 25 mm |
| Mounting Position | Position 1 |

## Specifications

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|---|---|
| Mounting on DIN Rail | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715<br>TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| Standards | ANSI/ISA-12.12<br>CAN/CSA C22.2 No.107.1<br>CAN/CSA C22.2 No.213<br>CAN/CSA C22.2 No.60950<br>EN 50581<br>IEC/EN 60950-1<br>IEC/EN 61000-6-2<br>IEC/EN 61000-6-3<br>UL508<br>UL 60950 |
| Ambient Air Temperature | Operation -40 ... +70 °C<br>Storage -40 ... +85 °C |
| RoHS Status | Following EU Directive 2011/65/EU |
| Connecting Capacity Input Circuit UL/CSA | Rigid 24-10 AWG |
| Connecting Capacity Output Circuit UL/CSA | Rigid 24-10 AWG |
| Tightening Torque UL/CSA | Input Circuit 9 in-lb<br>Output Circuit 5.5 in-lb |
| Object Classification Code | T |

## Classifications

| | |
|---|---|
| ETIM 4 | EC002540 - DC-power supply |
| ETIM 5.0 | EC002540 - DC-power supply |
| ETIM 6.0 | EC002540 - DC-power supply |
| ETIM 7 | EC002540 - DC-power supply |

## Dimensions

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|---|---|
| Product Net Width | 83 mm |
| Product Net Height | 123.6 mm |
| Product Net Depth / Length | 123.6 mm |
| Product Net Weight | 1.322 kg |

## Package Information

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|---|---|
| Package Level 1 Width | 162 mm |
| Package Level 1 Depth / Length | 160 mm |
| Package Level 1 Height | 104 mm |
| Package Level 1 Gross Weight | 1.438 kg |
| Package Level 1 EAN | 4016779669726 |
| Package Level 1 Units | 1 piece |

## Ordering

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|---|---|
| Minimum Order Quantity | 1 |
| Customs Tariff Number | 85044090 |
| ECCN | N |
| ECN | N |

## Electromagnetic Compatibility

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|---|---|
| Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2 | Level 4 Air Discharge 15 kV<br>Level 4 Contact Discharge 8 kV |

| Electromagnetic Compatibility | |
|---|---|
| Radiated Electromagnetic Field Immunity acc. to IEC 61000-4-3 | Level 3 10 V/m |
| Electrical Fast Transient (Burst Immunity) acc. to IEC 61000-4-4 | Level 4 Power Supply Port Signal 4 kV |
| Surge Immunity acc. to IEC 61000-4-5 | Level 3 Line-to-Line 2 kV<br>Level 4 Line-to-Ground 4 kV |
| Conducted Disturbances Immunity acc. to IEC 61000-4-6 | Level 3 10 V |
| Electromagnetic Compatibility (EMC) | Immunity - Class B<br>Emission - Class B |