



Representative Image

Catalog No. 1SVR427030R0000

Description: CP-E 24/0.75 Power supply In:100-240VAC Out: 24VDC/0.75A

UPC No 4016779656863

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The CP-E 24/0.75 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 90-264 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 18 W, rated output current is 0.75 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 21.6 to 28.8 V DC. The output characteristic is hiccup-mode. The power supply allows parallel operation to enable redundancy. A redundancy unit is available as accessory.

Descriptors

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| Category | Power Supplies |
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Specifications

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|------------------------------------|--|
| Product Main Type | CP-E |
| Number of phases | 1 |
| Input Voltage | 90 ... 264 V AC 120 ... 375 V DC |
| Output Voltage | 24 V DC |
| Output Current | 0.75 A |
| Output Power | 18 W |
| Function | Switch mode power supply |
| Rated Input Voltage | 100 ... 240 V AC |
| Rated Frequency Limits | 47 ... 63 Hz |
| Characteristic of Output | Hiccup-mode |
| Rated Output Power | 18 W |
| Rated Output Voltage | 24 V DC |
| Rated Output Current | 0.75 A |
| Rated Insulation Voltage | Input Circuit 3 V Output Circuit 3 V Input Circuit 2 V PE 2 V |
| Degree of Protection | Housing Terminals IP20 IP20 |
| Connecting Capacity Input Circuit | Flexible with Ferrule 0.2 ... 2.5 mm ² Rigid 0.2 ... 2.5 mm ² |
| Connecting Capacity Output Circuit | Flexible with Ferrule 0.2 ... 2.5 mm ² Rigid 0.2 ... 2.5 mm ² |
| Tightening Torque | Input Circuit 0.6 N-m Output Circuit 0.6 N-m |
| Wire Stripping Length | Input Circuit 6 mm Output Circuit 6 mm |
| Minimum Mounting Distance | Electrical Conductive Board, Horizontal 25 mm Electrical Conductive Board, Vertical 25 mm Other Device Same Type, Horizontal 25 mm Other Device Same Type, Vertical 25 mm |
| Mounting Position | Position 1 |
| Mounting on DIN Rail | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |


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Specifications

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| Standards | ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.223 CAN/CSA C22.2 No.60950 EN 50581 IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 1310 UL508 UL 60950 |
| Ambient Air Temperature | Operation -20 ... +70 °C Storage -25 ... +85 °C |
| RoHS Status | Following EU Directive 2011/65/EU |
| Connecting Capacity Input Circuit UL/CSA | Rigid 24-14 AWG |
| Connecting Capacity Output Circuit UL/CSA | Rigid 24-14 AWG |
| Tightening Torque UL/CSA | Input Circuit 5 in-lb Output Circuit 5 in-lb |
| Object Classification Code | T |

Classifications

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| 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 | 22.5 mm |
| Product Net Height | 90 mm |
| Product Net Depth / Length | 114 mm |
| Product Net Weight | 0.143 kg |

Package Information

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|--------------------------------|---------------|
| Package Level 1 Width | 134 mm |
| Package Level 1 Depth / Length | 157 mm |
| Package Level 1 Height | 39 mm |
| Package Level 1 Gross Weight | 0.212 kg |
| Package Level 1 EAN | 4016779656863 |
| 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 Level 4 Contact Discharge 8 kV |
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Electromagnetic Compatibility

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| 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 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 Emission - Class B |