

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 180 ... 264 V AC 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 Output Circuit 3 V Input Circuit 2 V PE 2 V
Degree of Protection	Housing Terminals IP20 IP20
Pollution Degree	2
Connecting Capacity Input Circuit	Flexible with Ferrule 0.2 ... 4 mm² Rigid 0.2 ... 6 mm²
Connecting Capacity Output Circuit	Flexible with Ferrule 0.2 ... 4 mm² Rigid 0.2 ... 6 mm²
Tightening Torque	Input Circuit 1 N-m Output Circuit 0.62 N-m
Wire Stripping Length	Input Circuit 8 mm Output Circuit 8 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

by ABB

Specifications

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
Standards	ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.60950 EN 50581 IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL508 UL 60950
Ambient Air Temperature	Operation -40 ... +70 °C 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 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

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

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

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

Electromagnetic Compatibility

Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2	Level 4 Air Discharge 15 kV 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 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