PRODUCT-DETAILS

CP-E 48/0.62

CP-E 48/0.62 Power supply In:100-240VAC Out: 48VDC/0.62A



General Information

Extended Product Type	CP-E 48/0.62
Product ID	1SVR427030R2000
EAN	4016779656917
Catalog Description	CP-E 48/0.62 Power supply In:100-240VAC Out: 48VDC/0.62A
Long Description	The CP-E 48/0.62 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 85-264 V AC and 90-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 30 W, rated output current is 0.625 A at an output voltage of 48 V DC. The output voltage is adjustable within a range of 48 to 55 V DC. The power supply provides a U/I output characteristic and allows parallel operation to enable redundancy.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044090

Popular Downloads

Data Sheet, Technical Information	2CDC114046D0201
Instructions and Manuals	1SVC427031M0000

Dimensions

Product Net Width	40.5 mm
Product Net Height	90 mm
Product Net Depth / Length	114 mm
Product Net Weight	0.264 kg

Container Information

Package Level 1 Width	132 mm
Package Level 1 Depth / Length	154 mm
Package Level 1 Height	58 mm
Package Level 1 Gross Weight	0.335 kg
Package Level 1 EAN	4016779656917
Package Level 1 Units	box 1 piece

Technical

Function	Switch mode power supply
Number of Phases	1
Rated Input Voltage (U_{IN})	100 ... 240 V AC
Input Voltage (U_{in})	85 ... 264 V AC 90 ... 375 V DC
Rated Frequency Limits	47 ... 63 Hz
Characteristic of Output	U/I characteristic curve
Rated Output Power	30 W
Output Power	30 W
Rated Output Voltage	48 V DC
Output Voltage (U_{out})	48 V DC
Rated Output Current	0.62 A
Output Current	0.62 A
Rated Insulation Voltage (U_i)	Input Circuit / Output Circuit 3 V Input Circuit / PE 2 V
Degree of Protection	Housing IP20 Terminals IP20
Pollution Degree	2
Connecting Capacity Input Circuit	Flexible with Ferrule 0.2 ... 2.5 mm² Rigid 0.2 ... 2.5 mm²
Connecting Capacity Output Circuit	Flexible with Ferrule 0.2 ... 2.5 mm² Rigid 0.2 ... 2.5 mm²
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
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 UL 508 UL 60950

Environmental

Ambient Air Temperature	Operation -40 ... +70 °C Storage -40 ... +85 °C
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

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

Electromagnetic Compatibility

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

Certificates and Declarations (Document Number)

cUL Certificate	cUL508_E174460
cUR Certificate	cUR60950_E196145 cUR1310_E313203 cUR_ANSI_E317914
Declaration of Conformity - CE	1SVD982008
EAC Certificate	EAC_RU_C-DE.ME77.B.00768_20
Instructions and Manuals	1SVC427031M0000
RoHS Information	1SVD982008
UL Certificate	UL508_E174460
UR Certificate	UR60950_E196145 UR1310_E313203 UR_ANSI_E317914

Classifications

Object Classification Code	T

ETIM 4	EC002540 - DC-power supply
ETIM 5	EC002540 - DC-power supply
ETIM 6	EC002540 - DC-power supply
ETIM 7	EC002540 - DC-power supply
eClass	V11.0 : 27040701
UNSPSC	39121004
E-Number (Finland)	3580126

Categories

Low Voltage Products and Systems → Control Products → Power Supplies

