PRODUCT-DETAILS

CP-T 48/5.0

CP-T 48/5.0 Power supply In: 3x400-500VAC Out: 48VDC/5.0A



General Information

Extended Product Type	CP-T 48/5.0
Product ID	1SVR427054R2000
EAN	4016779662390
Catalog Description	CP-T 48/5.0 Power supply In: 3x400-500VAC Out: 48VDC/5.0A
Long Description	CP-T 48/5.0 Power supply In: 3x400-500VAC Out: 48VDC/5.0A

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044090

Popular Downloads

Data Sheet, Technical Information	2CDC114071D0201
Instructions and Manuals	1SVC427050M0000

Dimensions

Product Net Width	89 mm
Product Net Height	131 mm
Product Net Depth /	119 mm

Length	
Product Net Weight	1.045 kg

Container Information

Package Level 1 Width	161 mm
Package Level 1 Depth / Length	106 mm
Package Level 1 Height	164 mm
Package Level 1 Gross Weight	1.158 kg
Package Level 1 EAN	4016779662390
Package Level 1 Units	box 1 piece

Technical

Function	Switch mode power supply
Number of Phases	3
Rated Input Voltage (U_{IN})	3x 400 ... 500 V AC
Input Voltage (U_{in})	3 x 340 ... 575 V AC 480 ... 820 V DC
Rated Frequency Limits	47 ... 63 Hz
Characteristic of Output	Hiccup-mode
Rated Output Power	240 W
Output Power	240 W
Rated Output Voltage	48 V DC
Output Voltage (U_{out})	48 V DC
Rated Output Current	5 A
Output Current	5 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 ... 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 0.6 N·m
Wire Stripping Length	Auxiliary Circuit 8 mm 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
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 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 UL 508 UL 60950

Environmental

Ambient Air Temperature	Operation -40 ... +70 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	5000 m
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

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

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-Line 4 kV
Conducted Disturbances Immunity acc. to IEC 61000-4-6	Level 3 10 V
Electromagnetic Compatibility (EMC)	Immunity - Class B Emission - Environment B

Certificates and Declarations (Document Number)

CQC Certificate	CQC_10001047454
cUL Certificate	cUL508_E174460
cUR Certificate	cUR60950_E196145 cUR_ANSI_E317914
Declaration of Conformity - CE	1SVD982006
EAC Certificate	EAC_RU_C-DE.ME77.B.00768_20
Instructions and Manuals	1SVC427050M0000
RoHS Information	1SVD982006
UL Certificate	UL508_E174460
UR Certificate	UR60950_E196145 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)	2712070
E-Number (Sweden)	5218718

Categories

Low Voltage Products and Systems → Control Products → Power Supplies

