

CP-T 48/20.0



Products → Low Voltage Products and Systems → Control Products → Power Supplies

General Information

Extended Product Type:	CP-T 48/20.0
Product ID:	1SVR427056R2000
EAN:	4016779697873
Catalog Description:	CP-T 48/20.0 Power supply In: 3x400-500VAC Out: 48VDC/20.0A
Long Description:	CP-T 48/20.0 Power supply In: 3x400-500VAC Out: 48VDC/20.0A

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85044090

Popular Downloads

Data Sheet, Technical Information:	2CDC114073D0201
Instructions and Manuals:	1SVC427052M0000

Dimensions

Product Net Width:	276 mm
Product Net Height:	131 mm
Product Net Depth:	121 mm
Product Net Weight:	3.275 kg

Container Information

Package Level 1 Width:	170 mm
Package Level 1 Length:	342 mm
Package Level 1 Height:	165 mm
Package Level 1 Gross Weight:	3.8 kg
Package Level 1 EAN:	4016779697873
Package Level 1 Units:	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:	960 W
Output Power:	960 W
Rated Output Voltage:	48 V DC
Output Voltage (U_{out}):	48 V DC
Rated Output Current:	20 A
Output Current:	20 A
Degree of Protection:	Housing IP20 Terminals IP20
Pollution Degree:	2
Connecting Capacity Input Circuit:	Flexible with Ferrule 0.2 ... 4 mm ² Rigid 0.2 ... 6 mm ²
Connecting Capacity Output Circuit:	Flexible with Ferrule 0.5 ... 10 mm ² Rigid 0.5 ... 16 mm ²
Tightening Torque:	Auxiliary Circuit 0.6 N·m Input Circuit 1 N·m Output Circuit 1.8 N·m
Wire Stripping Length:	Auxiliary Circuit 8 mm Input Circuit 8 mm Output Circuit 10 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:	EN 50581 IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508 UL 60950 ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.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 20-6 AWG
Tightening Torque UL/CSA:	Input Circuit 9 in·lb Output Circuit 15.6 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_10001048916
cUL Certificate:	cUL508_E174460
cUR Certificate:	cUR60950_E196145 cUR_ANSI_E317914
Declaration of Conformity - CE:	1SVD982006-0001
EAC Certificate:	EAC_RU_C-DE.ME77.B.01651
Environmental Information:	1SAA981005-2406
Instructions and Manuals:	1SVC427052M0000
RoHS Information:	1SVD982006-0001
UL Certificate:	UL508_E174460
UR Certificate:	UR60950_E196145 UR_ANSI_E317914

Classifications

Object Classification Code:	T
E-number:	5218722
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: 7.0 27049002

UNSPSC: 39121004

