

CP-T 24/20.0



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

General Information

Extended Product Type:	CP-T 24/20.0
Product ID:	1SVR427056R0000
EAN:	4016779662376
Catalog Description:	CP-T 24/20.0 Power supply In: 3x400-500VAC Out: 24VDC/20.0A
Long Description:	CP-T 24/20.0 Power supply In: 3x400-500VAC Out: 24VDC/20.0A

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85044090

Popular Downloads

Data Sheet, Technical Information:	2CDC114069D0201
Instructions and Manuals:	1SVC427051M0000

Dimensions

Product Net Width:	150 mm
Product Net Height:	131 mm
Product Net Depth:	119 mm
Product Net Weight:	1.657 kg

Container Information

Package Level 1 Width:	200 mm
Package Level 1 Length:	190 mm
Package Level 1 Height:	190 mm
Package Level 1 Gross Weight:	1.922 kg
Package Level 1 EAN:	4016779662376
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:	U/I characteristic curve or Hiccup-mode selectable
Rated Output Power:	480 W
Output Power:	480 W
Rated Output Voltage:	24 V DC
Output Voltage (U_{out}):	24 V DC
Rated Output Current:	20 A
Output Current:	20 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 mm ² Rigid 0.2 ... 6 mm ²
Connecting Capacity Output Circuit:	Flexible with Ferrule 0.2 ... 4 mm ² Rigid 0.2 ... 6 mm ²
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:	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 -30 ... +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_10001048919

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: 1SVC427051M0000

RoHS Information: 1SVD982006-0001

UL Certificate: UL508_E174460

UR Certificate: UR60950_E196145
UR_ANSI_E317914

Classifications

Object Classification Code: T

E-nummer: 5218721

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

