

# CP-T 24/5.0



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

## General Information

<b>Extended Product Type:</b>	CP-T 24/5.0
<b>Product ID:</b>	1SVR427054R0000
<b>EAN:</b>	4016779697866
<b>Catalog Description:</b>	CP-T 24/5.0 Power supply In: 3x400-500VAC Out: 24VDC/5.0A
<b>Long Description:</b>	CP-T 24/5.0 Power supply In: 3x400-500VAC Out: 24VDC/5.0A

## Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85044090

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	2CDC114067D0201
<b>Instructions and Manuals:</b>	1SVC427053M0000

## Dimensions

<b>Product Net Width:</b>	74 mm
<b>Product Net Height:</b>	131 mm
<b>Product Net Depth:</b>	119 mm
<b>Product Net Weight:</b>	0.78 kg

## Container Information

<b>Package Level 1 Width:</b>	161 mm
<b>Package Level 1 Length:</b>	86 mm
<b>Package Level 1 Height:</b>	164 mm
<b>Package Level 1 Gross Weight:</b>	0.892 kg
<b>Package Level 1 EAN:</b>	4016779697866
<b>Package Level 1 Units:</b>	1 piece

## Technical

<b>Function:</b>	Switch mode power supply
<b>Number of Phases:</b>	3
<b>Rated Input Voltage (<math>U_{IN}</math>):</b>	3x 400 ... 500 V AC
<b>Input Voltage (<math>U_{in}</math>):</b>	3 x 340 ... 575 V AC 480 ... 820 V DC
<b>Rated Frequency Limits:</b>	47 ... 63 Hz

<b>Characteristic of Output:</b>	Hiccup-mode
<b>Rated Output Power:</b>	120 W
<b>Output Power:</b>	120 W
<b>Rated Output Voltage:</b>	24 V DC
<b>Output Voltage (U<sub>out</sub>):</b>	24 V DC
<b>Rated Output Current:</b>	5 A
<b>Output Current:</b>	5 A
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	Input Circuit / Output Circuit 3 V Input Circuit / PE 2 V
<b>Degree of Protection:</b>	Housing IP20 Terminals IP20
<b>Pollution Degree:</b>	2
<b>Connecting Capacity Input Circuit:</b>	Flexible with Ferrule 0.2 ... 4 mm <sup>2</sup> Rigid 0.2 ... 6 mm <sup>2</sup>
<b>Connecting Capacity Output Circuit:</b>	Flexible with Ferrule 0.2 ... 4 mm <sup>2</sup> Rigid 0.2 ... 6 mm <sup>2</sup>
<b>Tightening Torque:</b>	Auxiliary Circuit 1 N·m Input Circuit 1 N·m Output Circuit 0.6 N·m
<b>Wire Stripping Length:</b>	Input Circuit 8 mm Output Circuit 8 mm
<b>Minimum Mounting Distance:</b>	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
<b>Mounting Position:</b>	Position 1
<b>Mounting on DIN Rail:</b>	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
<b>Standards:</b>	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

<b>Ambient Air Temperature:</b>	Operation -40 ... +70 °C Storage -40 ... +85 °C
<b>Maximum Operating Altitude Permissible:</b>	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

**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\_10001048915

**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:** 1SVC427053M0000

**RoHS Information:** 1SVD982006-0001

**UL Certificate:** UL508\_E174460

**UR Certificate:** UR60950\_E196145  
UR\_ANSI\_E317914

## Classifications

**Object Classification Code:** T

**E-nummer:** 5218717

**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

