

# CP-E 24/5.0



Products Low Voltage Products and Systems Control Products Power Supplies

## General Information

<b>Extended Product Type:</b>	CP-E 24/5.0
<b>Product ID:</b>	1SVR427034R0000
<b>EAN:</b>	4016779669689
<b>Catalog Description:</b>	CP-E 24/5.0 Power supply In:115/230VAC Out: 24VDC/5A
<b>Long Description:</b>	The CP-E 24/5.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 90-132 V AC, 180-264 V AC and 210-375 V DC, rated input voltage is 115 or 230 V AC (auto select). The rated output power is 120 W, rated output current is 5 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides an U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

## Additional Information

<b>Ambient Air Temperature:</b>	Operation -35 ... +70 °C Storage -40 ... +85 °C
<b>CCC Certificate:</b>	CCC_2009010907324503
<b>Country of Origin:</b>	China (CN)
<b>Customs Tariff Number:</b>	85044090
<b>Data Sheet, Technical Information:</b>	2CDC114060D0201
<b>Declaration of Conformity - CE:</b>	1SVD982008-0000
<b>Degree of Protection:</b>	Housing IP20 Terminals IP20
<b>E-number:</b>	5248134
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.01651
<b>EAN:</b>	4016779669689
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Voltage source and generator / General
<b>ETIM 4:</b>	EC002540 - DC-power supply
<b>ETIM 5:</b>	EC002540 - DC-power supply
<b>ETIM 6:</b>	EC002540 - DC-power supply
<b>Environmental Information:</b>	1SAA981005-2406
<b>Function:</b>	Switch mode power supply
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Industrial IT Certification Level:</b>	0
<b>Input Voltage (U<sub>n</sub>):</b>	90 ... 132 V AC 180 ... 264 V AC 210 ... 375 V DC
<b>Input Voltage Type:</b>	1
<b>Instructions and Manuals:</b>	1SVC427032M0000
<b>Invoice Description:</b>	CP-E 24/5.0 Power supply In:115/230VAC Out: 24VDC/5A
<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>Minimum Order Quantity:</b>	1 piece
<b>Mounting Position:</b>	Position 1
<b>Mounting on DIN Rail:</b>	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
<b>Number of Phases:</b>	1

<b>Object Classification Code:</b>	T
<b>Output Current:</b>	5 A
<b>Output Power:</b>	120 W
<b>Output Voltage (U<sub>out</sub>):</b>	24 V DC
<b>Overload Protection:</b>	Output power limitation
<b>Overvoltage Category:</b>	II
<b>Package Level 1 EAN:</b>	4016779669689
<b>Package Level 1 Gross Weight:</b>	0.998 kg
<b>Package Level 1 Height:</b>	85 mm
<b>Package Level 1 Length:</b>	160 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	162 mm
<b>Pollution Degree:</b>	2
<b>Power Loss:</b>	Approximately 17 W
<b>Product Main Type:</b>	CP-E
<b>Product Name:</b>	Switch Mode Power Supply
<b>Product Net Depth:</b>	123.6 mm
<b>Product Net Height:</b>	123.6 mm
<b>Product Net Weight:</b>	0.882 kg
<b>Product Net Width:</b>	63.2 mm
<b>Rated Frequency Limits:</b>	47 ... 63 Hz
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	Input Circuit / Output Circuit 3 V Input Circuit / PE 2 V
<b>Regulatory Compliance Mark (RCM):</b>	Yes
<b>RoHS Date:</b>	1146
<b>RoHS Information:</b>	1SVD981001-4400
<b>RoHS Status:</b>	Following EU Directive 2011/65/EC
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	CP-E 24/5.0 Power supply
<b>Standards:</b>	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
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	Input Circuit 1 N·m Output Circuit 0.62 N·m
<b>Tightening Torque UL/CSA:</b>	Input Circuit 9 in·lb Output Circuit 5.5 in·lb
<b>UL Certificate:</b>	UL508_E174460
<b>UNSPSC:</b>	39121100
<b>UR Certificate:</b>	UR60950_E196145 UR_ANSI_E317914
<b>Wire Stripping Length:</b>	Input Circuit 8 mm Output Circuit 8 mm
<b>cUL Certificate:</b>	cUL508_E174460
<b>cUR Certificate:</b>	cUR60950_E196145 cUR_ANSI_E317914
<b>cClass:</b>	7 0 070 10000

<b>eClass:</b>	7.0 2704900Z
<b>Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2:</b>	Level 4 Air Discharge 15 kV Level 4 Contact Discharge 8 kV
<b>Radiated Electromagnetic Field Immunity acc. to IEC 61000-4-3:</b>	Level 3 10 V/m
<b>Electrical Fast Transient (Burst Immunity) acc. to IEC 61000-4-4:</b>	Level 4 Power Supply Port Signal 4 kV
<b>Surge Immunity acc. to IEC 61000-4-5:</b>	Level 3 Line-to-Line 2 kV Level 4 Line-to-Ground 4 kV
<b>Conducted Disturbances Immunity acc. to IEC 61000-4-6:</b>	Level 3 10 V
<b>Electromagnetic Compatibility (EMC):</b>	Immunity - Class B Emission - Class B
<b>Rated Output Power:</b>	120 W
<b>Rated Output Voltage:</b>	24 V DC
<b>Rated Input Voltage (U<sub>N</sub>):</b>	115 / 230 V AC
<b>Connecting Capacity Output Circuit UL/CSA:</b>	Rigid 24-10 AWG
<b>Connecting Capacity Input Circuit UL/CSA:</b>	Rigid 24-10 AWG
<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>Connecting Capacity Input Circuit:</b>	Flexible with Ferrule 0.2 ... 4 mm <sup>2</sup> Rigid 0.2 ... 6 mm <sup>2</sup>
<b>Rated Output Current:</b>	5 A
<b>Characteristic of Output:</b>	U/I characteristic curve

