

# CP-D 24/0.42



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

Products → Low Voltage Products and Systems → Home and Building Automation → KNX → Power Supply  
→ Auxiliary Power Supplies

## General Information

<b>Extended Product Type:</b>	CP-D 24/0.42
<b>Product ID:</b>	1SVR427041R0000
<b>EAN:</b>	4016779661164
<b>Catalog Description:</b>	CP-D 24/0.42 Power supply In: 100-240VAC Out: 24VDC/0.42A
<b>Long Description:</b>	The CP-D 24/0.42 is a power supply from the CP-D range. The primary switch mode power supply offers a wide range input of 90-264 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 10 W, rated output current is 0.42 A at an output voltage of 24 V DC. The power supply provides a U/I output characteristic.

## Ordering

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

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	2CDC114054D0201
<b>Instructions and Manuals:</b>	1SVC427040M0000

## Dimensions

<b>Product Net Width:</b>	18 mm
<b>Product Net Height:</b>	91 mm
<b>Product Net Depth:</b>	57.5 mm
<b>Product Net Weight:</b>	0.066 kg

## Container Information

<b>Package Level 1 Width:</b>	91 mm
<b>Package Level 1 Length:</b>	134 mm
<b>Package Level 1 Height:</b>	34 mm
<b>Package Level 1 Gross Weight:</b>	0.111 kg
<b>Package Level 1 EAN:</b>	4016779661164
<b>Package Level 1 Units:</b>	1 piece

## Technical

<b>Function:</b>	Switch mode power supply
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<b>Number of Phases:</b>	1
<b>Rated Input Voltage (U<sub>IN</sub>):</b>	100 ... 240 V AC
<b>Input Voltage (U<sub>in</sub>):</b>	90 ... 264 V AC 120 ... 375 V DC
<b>Rated Frequency (f):</b>	50 Hz 60 Hz
<b>Rated Frequency Limits:</b>	47 ... 63 Hz
<b>Characteristic of Output:</b>	Hiccup-mode
<b>Rated Output Power:</b>	10 W
<b>Output Power:</b>	10 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>	0.42 A
<b>Output Current:</b>	0.42 A
<b>Output Current Maximum (I<sub>out</sub>):</b>	0.42 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Input Circuit / Output Circuit 3 kV
<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 ... 1.5 mm <sup>2</sup> Rigid 0.2 ... 2.5 mm <sup>2</sup>
<b>Connecting Capacity Output Circuit:</b>	Flexible with Ferrule 0.2 ... 2.5 mm <sup>2</sup> Rigid 0.2 ... 2.5 mm <sup>2</sup>
<b>Tightening Torque:</b>	Input Circuit 0.6 N·m Output Circuit 0.6 N·m
<b>Wire Stripping Length:</b>	Input Circuit 4 mm Output Circuit 4 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 UL 1310 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.60950 CAN/CSA C22.2 No.223
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## Environmental

<b>Ambient Air Temperature:</b>	Operation -40 ... +70 °C Storage -40 ... +85 °C
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<b>Maximum Operating Altitude Permissible:</b>	4850 m
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<b>RoHS Status:</b>	Following EU Directive 2011/65/EU
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## Technical UL/CSA

<b>Connecting Capacity Input Circuit UL/CSA:</b>	Rigid 24-12 AWG
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<b>Connecting Capacity Output Circuit UL/CSA:</b>	Rigid 24-12 AWG
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<b>Tightening Torque UL/CSA:</b>	Input Circuit 5 in·lb Output Circuit 5 in·lb
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## Electromagnetic Compatibility

<b>Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2:</b>	Level 4 Air Discharge 8 kV Level 4 Contact Discharge 4 kV
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<b>Radiated Electromagnetic Field Immunity acc. to IEC 61000-4-3:</b>	Level 3 10 V/m
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<b>Electrical Fast Transient (Burst Immunity) acc. to IEC 61000-4-4:</b>	Level 4 Power Supply Port Signal 4 kV
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<b>Surge Immunity acc. to IEC 61000-4-5:</b>	Level 3 Line-to-Line 2 kV
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<b>Conducted Disturbances Immunity acc. to IEC 61000-4-6:</b>	Level 3 10 V
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<b>Electromagnetic Compatibility (EMC):</b>	Emission - Class B Immunity - Class B
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## Certificates and Declarations (Document Number)

<b>CB Certificate:</b>	CB_JPTUV-058239
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<b>CCC Certificate:</b>	CCC_2007020907000167
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<b>cUL Certificate:</b>	cUL508_E174460
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<b>cUR Certificate:</b>	cUR60950_E196145 cUR1310_E313203
<b>Declaration of Conformity - CE:</b>	1SVD982007-0001
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.01651
<b>Environmental Information:</b>	1SAA981005-2406
<b>Instructions and Manuals:</b>	1SVC427040M0000
<b>RoHS Information:</b>	1SVD982007-0001
<b>UL Certificate:</b>	UL508_E174460
<b>UR Certificate:</b>	UR60950_E196145 UR1310_E313203

## Classifications

<b>Object Classification Code:</b>	T
<b>E-number:</b>	5218726
<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>ETIM 7:</b>	EC002540 - DC-power supply
<b>eClass:</b>	7.0 27049002
<b>UNSPSC:</b>	39121004

