

CP-D 24/2.5



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

General Information

Extended Product Type:	CP-D 24/2.5
Product ID:	1SVR427044R0200
EAN:	4016779661188
Catalog Description:	CP-D 24/2.5 Power supply In: 100-240VAC Out: 24VDC/2.5A
Long Description:	The CP-D 24/2.5 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 60 W, rated output current is 2.5 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 24 to 28 V DC. The power supply provides a U/I output characteristic.

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85044090

Popular Downloads

Data Sheet, Technical Information:	2CDC114056D0202
Instructions and Manuals:	1SVC427042M0000

Dimensions

Product Net Width:	71 mm
Product Net Height:	91 mm
Product Net Depth:	57.5 mm
Product Net Weight:	0.252 kg

Container Information

Package Level 1 Width:	91 mm
Package Level 1 Length:	134 mm
Package Level 1 Height:	87 mm
Package Level 1 Gross Weight:	0.311 kg
Package Level 1 EAN:	4016779661188
Package Level 1 Units:	1 piece

Technical

Function:	Switch mode power supply
Number of Phases:	1

Rated Input Voltage (U_{IN}):	100 ... 240 V AC
Input Voltage (U_{in}):	90 ... 264 V AC 120 ... 375 V DC
Rated Frequency (f):	50 Hz 60 Hz
Rated Frequency Limits:	47 ... 63 Hz
Characteristic of Output:	U/I characteristic curve
Rated Output Power:	60 W
Output Power:	60 W
Rated Output Voltage:	24 V DC
Output Voltage (U_{out}):	24 V DC
Rated Output Current:	2.5 A
Output Current:	2.5 A
Output Current Maximum (I_{out}):	2.5 A
Rated Impulse Withstand Voltage (U_{imp}):	Input Circuit / Output Circuit 3 kV
Degree of Protection:	Housing IP20 Terminals IP20
Pollution Degree:	2
Connecting Capacity Input Circuit:	Flexible with Ferrule 0.2 ... 2.5 mm ² Rigid 0.2 ... 2.5 mm ²
Connecting Capacity Output Circuit:	Flexible with Ferrule 0.2 ... 2.5 mm ² Rigid 0.2 ... 2.5 mm ²
Tightening Torque:	Input Circuit 0.7 N·m Output Circuit 0.7 N·m
Wire Stripping Length:	Input Circuit 7 mm Output Circuit 7 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 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

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

Connecting Capacity Input Circuit UL/CSA:	Rigid 24-12 AWG
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Connecting Capacity Output Circuit UL/CSA:	Rigid 24-12 AWG
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Tightening Torque UL/CSA:	Input Circuit 6 in·lb Output Circuit 6 in·lb
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Electromagnetic Compatibility

Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2:	Level 4 Air Discharge 15 kV Level 4 Contact Discharge 4 kV
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Radiated Electromagnetic Field Immunity acc. to IEC 61000-4-3:	Level 3 10 V/m
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Electrical Fast Transient (Burst Immunity) acc. to IEC 61000-4-4:	Level 4 Power Supply Port Signal 4 kV
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Surge Immunity acc. to IEC 61000-4-5:	Level 3 Line-to-Line 2 kV
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Conducted Disturbances Immunity acc. to IEC 61000-4-6:	Level 3 10 V
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Electromagnetic Compatibility (EMC):	Emission - Class B Immunity - Class B
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Certificates and Declarations (Document Number)

CB Certificate:	CB_JPTUV-058481
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CCC Certificate:	CCC_2007020907000169
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cUL Certificate:	cUL508_E174460
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cUR Certificate:	cUR60950_E196145 cUR1310_E313203
Declaration of Conformity - CE:	1SVD982007-0001
EAC Certificate:	EAC_RU_C-DE.ME77.B.01651
Environmental Information:	1SAA981005-2406
Instructions and Manuals:	1SVC427042M0000
RoHS Information:	1SVD982007-0001
UL Certificate:	UL508_E174460
UR Certificate:	UR60950_E196145 UR1310_E313203

Classifications

Object Classification Code:	T
E-number:	5218729
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

