PRODUCT-DETAILS

CP-D 24/0.42

CP-D 24/0.42 Power supply In: 100-240VAC Out: 24VDC/0.42A



General Information

Extended Product Type	CP-D 24/0.42
Product ID	1SVR427041R0000
EAN	4016779661164
Catalog Description	CP-D 24/0.42 Power supply In: 100-240VAC Out: 24VDC/0.42A
Long Description	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

Minimum Order Quantity	1 piece
Customs Tariff Number	85044095

Popular Downloads

Data Sheet, Technical Information	2CDC114054D0201
Instructions and Manuals	1SVC427040M0000

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Dimensions

Product Net Width	18 mm
Product Net Height	91 mm
Product Net Depth / Length	57.5 mm
Product Net Weight	0.066 kg

Container Information

Package Level 1 Width	91 mm
Package Level 1 Depth / Length	134 mm
Package Level 1 Height	34 mm
Package Level 1 Gross Weight	0.111 kg
Package Level 1 EAN	4016779661164
Package Level 1 Units	box 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	Hiccup-mode
Rated Output Power	10 W
Output Power	10 W
Rated Output Voltage	24 V DC
Output Voltage (U_{out})	24 V DC
Rated Output Current	0.42 A
Output Current	0.42 A
Output Current Maximum (I_{out})	0.42 A
Rated Impulse Withstand Voltage (U_{imp})	Input Circuit / Output Circuit 3 kV
Rated Insulation Voltage (U_i)	Input Circuit / Output Circuit 300 V Input Circuit / PE 300 V Output Circuit / PE 50 V
Degree of Protection	Housing IP20 Terminals IP20
Pollution Degree	2
Connecting Capacity Input Circuit	Flexible with Ferrule 0.2 ... 1.5 mm² Rigid 0.2 ... 2.5 mm²
Connecting Capacity Output Circuit	Flexible with Ferrule 0.2 .... 2.5 mm² Rigid 0.2 ... 2.5 mm²
Tightening Torque	Input Circuit 0.6 N·m Output Circuit 0.6 N·m
Wire Stripping Length	Input Circuit 4 mm Output Circuit 4 mm
Recommended Screw Driver	PH1
Minimum Mounting	Electrical Conductive Board, Horizontal 25 mm

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Distance	Electrical Conductive Board, Vertical 25 mm Other Device Same Type, Horizontal 25 mm Other Device Same Type, Vertical 25 mm
Mounting 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	CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.223 CAN/CSA C22.2 No.60950 IEC/EN 63000 IEC 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 1310 UL 508 UL 60950

Environmental

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

Technical UL/CSA

Connecting Capacity Input Circuit UL/CSA	Rigid 24-12 AWG
Connecting Capacity Output Circuit UL/CSA	Rigid 24-12 AWG
Tightening Torque UL/CSA	Input Circuit 5 in·lb Output Circuit 5 in·lb

Electromagnetic Compatibility

Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2	Level 4 Air Discharge 8 kV Level 4 Contact Discharge 4 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
Conducted Disturbances Immunity acc. to IEC 61000-4-6	Level 3 10 V
Electromagnetic Compatibility (EMC)	Emission - Class B Immunity - Class B

Certificates and Declarations

cUL Certificate	cUL508_E174460
cUR Certificate	cUR60950_E196145 cUR1310_E313203
Declaration of Conformity - CE	1SVD982007-00

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Declaration of Conformity - UKCA	1SVD982007-10
EAC Certificate	EAC_RU_C-DE.ME77.B.00768_20
UL Certificate	UL508_E174460
UR Certificate	UR60950_E196145 UR1310_E313203

Classifications

Object Classification Code	T
ETIM 4	EC002540 - DC-power supply
ETIM 5	EC002540 - DC-power supply
ETIM 6	EC002540 - DC-power supply
ETIM 7	EC002540 - DC-power supply
ETIM 8	EC002540 - DC-power supply
eClass	V11.0 : 27040701
UNSPSC	39121004
E-Number (Finland)	2712078
E-Number (Sweden)	5218726

Categories

Low Voltage Products and Systems → Control Products → Power Supplies → CP-D

Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)



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