

General Information

Extended Product Type:	CP-E 24/2.5
Product ID:	1SVR427032R0000
EAN:	4016779656887
Catalog Description:	CP-E 24/2.5 Power supply In:100-240VAC Out: 24VDC/2.5A
Long Description:	The CP-E 24/2.5 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 85-264 V AC and 90-375 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 and allows parallel operation to enable redundancy. A further feature is the signalling output (transistor) for output voltage OK. A redundancy unit is available as accessory.

Categories

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

Products » Power Automation Products » Remote Terminal Units » RTU500 series modules » RTU500 series power supply units

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85044090
EAN:	4016779656887

Dimensions

Product Net Height:	90 mm
Product Net Depth:	114 mm
Product Net Weight:	0.331 kg
Product Net Width:	40.5 mm

Container Information

Package Level 1 Length:	154 mm
Package Level 1 Height:	58 mm
Package Level 1 Gross Weight:	0.4 kg
Package Level 1 Units:	1 piece
Package Level 1 Width:	132 mm

Technical

Number of Phases:	1
Rated Input Voltage (U_{IN}):	100 ... 240 V AC
Input Voltage (U_{IN}):	85 ... 264 V AC 90 ... 375 V DC
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
Rated Insulation Voltage (U_i):	Input Circuit / Output Circuit 3 V Input Circuit / PE 2 V
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 0.6 N·m Output Circuit 0.6 N·m
Wire Stripping Length:	Input Circuit 6 mm Output Circuit 6 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:	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Standards:	IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508 UL 60950 UL 1310 ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.60950 CAN/CSA C22.2 No.223
Function:	Switch mode power supply

Environmental

Ambient Air Temperature:	Operation -40 ... +70 °C Storage -40 ... +85 °C
RoHS Status:	Following EU Directive 2011/65/EC

Technical UL/CSA

Connecting Capacity Input Circuit UL/CSA:	Rigid 24-14 AWG
Connecting Capacity Output Circuit UL/CSA:	Rigid 24-14 AWG
Tightening Torque UL/CSA:	Input Circuit 5 in-lb Output Circuit 5 in-lb

Electromagnetic Compatibility

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 Level 4 Line-to-Ground 4 kV
Conducted Disturbances Immunity acc. to IEC 61000-4-6:	Level 3 10 V
Electromagnetic Compatibility (EMC):	Immunity - Class B Emission - Class B
Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2:	Level 4 Air Discharge 15 kV Level 4 Contact Discharge 8 kV

Certificates and Declarations (Document Number)

Instructions and Manuals:	1SVC427031M0000
CCC Certificate:	CCC_2008010907282731
cUL Certificate:	cUL508_E174460
cUR Certificate:	cUR60950_E196145 cUR1310_E313203 cUR_ANSI_E317914
Data Sheet, Technical Information:	2CDC114045D0201
Declaration of Conformity - CE:	1SVD982008-0000
EAC Certificate:	EAC_RU_C-DE.ME77.B.01651
GOST Certificate:	GOST_POCC_CN.AB76.B00924
RoHS Information:	1SVD981001-4400
UL Certificate:	UL508_E174460
UR Certificate:	UR60950_E196145 UR1310_E313203 UR_ANSI_E317914

Classifications

E-nummer:	5218703
ETIM 4:	EC002540 - DC-power supply
ETIM 5:	EC002540 - DC-power supply
ETIM 6:	EC002540 - DC-power supply
eClass:	7.0 27049002
UNSPSC:	39121100
Object Classification Code:	T

