

PRODUCT-DETAILS

CP-E 24/2.5

CP-E 24/2.5 Power supply In:100-240VAC Out: 24VDC/2.5A



Información General

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.

Clasificación

Minimum Order Quantity	1 piece
Customs Tariff Number	85044090

Descargas Populares

Data Sheet, Technical Information	2CDC114045D0201
Instructions and Manuals	1SVC427031M0000

Dimensiones

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

Información de Embalaje

Package Level 1 Width	132 mm
Package Level 1 Depth / Length	154 mm
Package Level 1 Height	58 mm
Package Level 1 Gross Weight	0.4 kg
Package Level 1 EAN	4016779656887
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})	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	ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.223 CAN/CSA C22.2 No.60950 EN 50581

IEC/EN 60950-1
 IEC/EN 61000-6-2
 IEC/EN 61000-6-3
 UL 1310
 UL 508
 UL 60950

Ambiente

Ambient Air Temperature	Funcionamiento -40 ... +70 °C Almacenamiento -40 ... +85 °C
RoHS Status	Following EU Directive 2011/65/EU

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

Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2	Level 4 Air Discharge 15 kV Level 4 Contact Discharge 8 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 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

Certificados y Declaraciones (Número de Documento)

CCC Certificate	CCC_2008010907282731
cUL Certificate	cUL508_E174460
cUR Certificate	cUR60950_E196145 cUR1310_E313203 cUR_ANSI_E317914
Declaration of Conformity - CE	1SVD982008
EAC Certificate	EAC_RU_C-DE.ME77.B.00253_19
Environmental Information	1SAA981005-2406
Instructions and Manuals	1SVC427031M0000
RoHS Information	1SVD982008-0001
UL Certificate	UL508_E174460
UR Certificate	UR60950_E196145 UR1310_E313203 UR_ANSI_E317914

Clasificaciones		
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	
eClass	7.0 27049002	
UNSPSC	39121004	
E-Number (Sweden)	5218703	

Categorias

Productos y sistemas de baja tensión → Aparatos de control → Fuentes de alimentación

Protección de Sistemas y Productos de Automatización → Remote Terminal Units → RTU500 series modules → RTU500 series power supply units

