



Representative Image

Catalog No. 1SVR427030R0000

Description: CP-E 24/0.75 Power supply In:100-240VAC Out: 24VDC/0.75A

UPC No 4016779656863

Home > Controls & Protective Relays > Power Supplies

The CP-E 24/0.75 is a power supply from the CP-E 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 18 W, rated output current is 0.75 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 21.6 to 28.8 V DC. The output characteristic is hiccup-mode. The power supply allows parallel operation to enable redundancy. A redundancy unit is available as accessory.

Descriptors

Category	Power Supplies
----------	----------------

Specifications

Product Main Type	CP-E
Number of phases	1
Input Voltage	90 ... 264 V AC 120 ... 375 V DC
Output Voltage	24 V DC
Output Current	0.75 A
Output Power	18 W
Function	Switch mode power supply
Rated Input Voltage	100 ... 240 V AC
Rated Frequency Limits	47 ... 63 Hz
Characteristic of Output	Hiccup-mode
Rated Output Power	18 W
Rated Output Voltage	24 V DC
Rated Output Current	0.75 A
Rated Insulation Voltage	Input Circuit 3 V Output Circuit 3 V Input Circuit 2 V PE 2 V
Degree of Protection	Housing Terminals IP20 IP20
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

by ABB

Specifications

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 UL508 UL 60950
Ambient Air Temperature	Operation -20 ... +70 °C Storage -25 ... +85 °C
RoHS Status	Following EU Directive 2011/65/EU
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
Object Classification Code	T

Classifications

ETIM 4	EC002540 - DC-power supply
ETIM 5.0	EC002540 - DC-power supply
ETIM 6.0	EC002540 - DC-power supply
ETIM 7	EC002540 - DC-power supply

Dimensions

Product Net Width	22.5 mm
Product Net Height	90 mm
Product Net Depth / Length	114 mm
Product Net Weight	0.143 kg

Package Information

Package Level 1 Width	134 mm
Package Level 1 Depth / Length	157 mm
Package Level 1 Height	39 mm
Package Level 1 Gross Weight	0.212 kg
Package Level 1 EAN	4016779656863
Package Level 1 Units	1 piece

Ordering

Minimum Order Quantity	1
Customs Tariff Number	85044090
ECCN	N
ECN	N

Electromagnetic Compatibility

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

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