Representative Image

Catalog No. 1SVR360060R1001

Description: CP-C.1-A-RU Redundancy unit for power supplies In: 2x20A, Out: 1x40A

UPC No 4013614523816

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The CP-C.1-A-RU is a redundancy unit for CP-C.1 range power supplies. This unit, with 2 inputs / channels each up to 20 A and an output up to 40 A, provides true redundancy by 100 % decoupling of two parallel connected CP-C.1 range power supplies.

Descriptors

Category	Power Supplies

Specifications

Product Main Type	CP-C.1
Input Voltage	13 ... 28 V DC
Output Voltage	24 V DC
Output Current	60 A
Function	Redundancy unit
Rated Input Voltage	24 V DC
Rated Output Voltage	24 V DC
Rated Output Current	40 A
Degree of Protection	Housing Terminals IP20 IP20
Pollution Degree	2
Connecting Capacity Input Circuit	Flexible with Ferrule 2.5 ... 10 mm² Flexible 2.5 ... 10 mm² Rigid 2.5 ... 16 mm²
Connecting Capacity Output Circuit	Flexible with Ferrule 2.5 ... 10 mm² Flexible 2.5 ... 10 mm² Rigid 2.5 ... 16 mm²
Tightening Torque	Input Circuit 1.2 N-m Output Circuit 1.2 N-m
Wire Stripping Length	Input Circuit 10 mm Output Circuit 10 mm
Recommended Screw Driver	Input Circuit 0.8 x 4 Output Circuit PH1
Mounting Position	Position 1, 7
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	EN 50581 IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 IEC/EN 61204
Ambient Air Temperature	Operation -25 ... +70 °C Storage -40 ... +85 °C
Resistance to Vibrations acc. to IEC 60068-2-6	10-58 Hz, ±0.15 mm, 58-150 Hz, 2g, 10 sweep cycles each axis
Resistance to Shock acc. to IEC 60068-2-27	30g / 3 shocks / 6 ms
Resistance to Damp Heat acc. to IEC 60068-2-30	Test Db: 55°C, 2 cycles

Specifications

RoHS Status	Following EU Directive 2011/65/EU
Connecting Capacity Input Circuit UL/CSA	Flexible 12-8 AWG Rigid 12-6 AWG
Connecting Capacity Output Circuit UL/CSA	Flexible 12-8 AWG Rigid 12-6 AWG
Tightening Torque UL/CSA	Input Circuit 1.2 in-lb Output Circuit 1.2 in-lb
Object Classification Code	T

Classifications

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

Dimensions

Product Net Width	56.4 mm
Product Net Height	129.4 mm
Product Net Depth / Length	136 mm
Product Net Weight	1.04 kg

Package Information

Package Level 1 Width	90 mm
Package Level 1 Depth / Length	155 mm
Package Level 1 Height	165 mm
Package Level 1 Gross Weight	1.17 kg
Package Level 1 EAN	4013614523816
Package Level 1 Units	1 piece

Ordering

Minimum Order Quantity	1
Customs Tariff Number	85044082
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
Radiated Electromagnetic Field Immunity acc. to IEC 61000-4-3	Level 3 10 V/m
Conducted Disturbances Immunity acc. to IEC 61000-4-6	Level 3 10 V
Electromagnetic Compatibility (EMC)	Immunity - Class B Emission - Class B