PRODUCT-DETAILS

CP-C.1-A-RU-C

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



General Information

Extended Product Type	CP-C.1-A-RU-C
Product ID	1SVR360060R2001
EAN	4013614523748
Catalog Description	CP-C.1-A-RU-C Redundancy unit for power supplies In: 2x20A, Out: 1x40A
Long Description	The CP-C.1-A-RU-C is a redundancy unit for CP-C.1 range power supplies. The input voltage range is 10 - 58 V DC. 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. ATEX and IECEx approvals are available to be used in hazardous area applications.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044083

Popular Downloads

Data Sheet, Technical Information	2CDC114103D0201
Instructions and Manuals	1SVC360561M0000

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Instructions and Manuals (Part 2)	1SVC360560M9000
Ex Operating Instructions	1SVC360560M9000

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

Container 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	4013614523748
Package Level 1 Units	box 1 piece

Technical

Function	Redundancy unit
Rated Input Voltage (U_{IN})	12 ... 48 V DC
Input Voltage (U_{in})	10 ... 58 V DC
Rated Frequency (f)	DC
Rated Output Voltage	12 ... 48 V DC
Output Voltage (U_{out})	10 ... 58 V DC
Rated Output Current	40 A
Output Current	60 A
Rated Insulation Voltage (U_i)	Input Circuit / Output Circuit 60 V
Degree of Protection	Housing IP20 Terminals 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 / Output Circuit 0.8 x 4
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 7
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	IEC/EN 63000 IEC/EN 60079-0 IEC/EN 60079-7 IEC/EN 61000-6-2

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	IEC/EN 61000-6-3 IEC/EN 61204 UL 61010-2-201 UL 61010-1 IEC/EN 61010-1

Technical UL/CSA

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 10.5 in·lb Output Circuit 10.5 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
Electromagnetic Compatibility (EMC)	Immunity - Class B Emission - Class B

Environmental

Ambient Air Temperature	Operation -40 ... +70 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	5000 m
Resistance to Damp Heat acc. to IEC 60068-2-30	Test Db: 55°C, 2 cycles
Resistance to Shock acc. to IEC 60068-2-27	30g 3 shocks 6 ms
Resistance to Vibrations	±0.15 mm 10 ... 58 Hz 10 Sweep Cycles Each Axis: 2g 58 ... 150 Hz

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SVD982001-4501
RoHS Information	1SVD982001-4401
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	2CMT2023-006535
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

ABS Certificate	ABS_17-HG1661393-1-PDA
ATEX Certificate	Type Examination Certificate_DEMKO_16_ATEX_1746X
CB Certificate	CB_DK-65060-M1-UL
cULus Certificate	cULus508_20170703-E174460
cURus Certificate	cURus60950_E196145-A12-UL cURusANSI-12-12_20170825_E317914
Declaration of Conformity - CE	1SVD982029-00
Declaration of Conformity - UKCA	1SVD982029-10

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DNV GL Certificate	DNV_GL_TAA00001C0_1
IECEx Certificate	IECEx_ULD_170031X

Classifications

Object Classification Code	T
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)	2712559

Categories

Low Voltage Products and Systems → Control Products → Power Supplies → CP-C.1



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