

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.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044082

### Popular Downloads

Data Sheet, Technical Information	2CDC114103D0201
Instructions and Manuals	1SVC360561M0000
Instructions and Manuals (Part 2)	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 Output Voltage	12 ... 48 V DC
Output Voltage ( $U_{out}$ )	10 ... 58 V DC
Rated Output Current	40 A
Output Current	60 A
Degree of Protection	Housing IP20 Terminals IP20
Pollution Degree	2
Connecting Capacity Input Circuit	Flexible with Ferrule 2.5 ... 10 mm <sup>2</sup> Flexible 2.5 ... 10 mm <sup>2</sup> Rigid 2.5 ... 16 mm <sup>2</sup>
Connecting Capacity Output Circuit	Flexible with Ferrule 2.5 ... 10 mm <sup>2</sup> Flexible 2.5 ... 10 mm <sup>2</sup> Rigid 2.5 ... 16 mm <sup>2</sup>
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 Input Circuit / Output Circuit PH1
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 IEC/EN 61000-6-3 IEC/EN 61204 UL 61010-2-201 UL 61010-1 IEC/EN 61010-1

## Environmental

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

## 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

## 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

## Certificates and Declarations (Document Number)

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
DNV GL Certificate	DNV_GL_TAA00001C0_1
IECEX Certificate	IECEX_ULD_170031X
Instructions and Manuals	1SVC360561M0000
Instructions and Manuals (Part 2)	1SVC360560M9000
RoHS Information	1SVD982029

## 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

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## Categories

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

