QUINT-ORING/24DC/2X40/1X80 - Redundancy module

2902879

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Active QUINT redundancy module for DIN rail mounting with ACB (Auto Current Balancing) Technology and monitoring functions, input: 24 V DC/2x 40 A, output: 24 V DC/1 x 80 A, including mounted UTA 107/30 universal DIN rail adapter

Product description

The Auto Current Balancing ACB technology of the QUINT ORING modules doubles the service life of redundantly operated power supplies by evenly utilizing the power supply units. The load current is automatically distributed symmetrically.

Your advantages

- Service life of the redundant solution is doubled, thanks to uniform distribution of the load
- Save energy
- Permanent monitoring of redundancy
- Consistent redundancy up to the load

Commercial data

Item number	2902879
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CMRQ43
Catalog page	Page 303 (C-4-2019)
GTIN	4046356698276
Weight per piece (including packing)	1,200 g
Weight per piece (excluding packing)	860 g
Customs tariff number	85049090
Country of origin	CN

Electrical properties

Insulation voltage input, output / housing	500 V

Product properties

Product type	Redundancy module
Product family	QUINT ORING
MTBF (IEC 61709, SN 29500)	> 720000 h (40 °C)
LED	yes

Insulation characteristics

Protection class	III
Degree of pollution	2

Dimensions

Width	66 mm
Height	130 mm
Depth	125 mm
Horizontal pitch	3.7 Div.

Installation dimensions

Installation distance right/left	5 mm / 5 mm
Installation distance top/bottom	50 mm / 50 mm

Alternative assembly

Width	122 mm
Height	130 mm
Depth	69 mm

Mounting

Mounting type	DIN rail: 35 mm
Assembly instructions	alignable: P_N ≥50%, 5 mm horizontally, 15 mm next to active components, 50 mm vertically alignable: P_N <50%, 0 mm horizontally, 40 mm vertically top, 20 mm vertically bottom
Mounting position	horizontal DIN rail NS 35, EN 60715

Material specifications

Housing material	Metal
Type of housing	Aluminum (AlMg3)
Hood version	Galvanized sheet steel, free from chrome (VI)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C (> 60 °C Derating: 2,5 %/K)
Ambient temperature (storage/transport)	-40 °C ... 85 °C