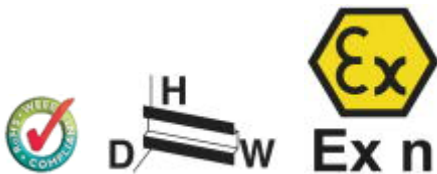


Redundancy module - QUINT-DIODE/40 - 2938963

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Redundancy module QUINT-DIODE/40



Key commercial data

Packing unit	1 PCE
Catalog page	Page 596 (IF-2009)
GTIN	 4 017918 929534
Custom tariff number	85044082
Country of origin	CHINA

Technical data

Input data

Nominal input voltage	24 V DC
DC input voltage range	0 V DC ... 30 V DC
Nominal input current I_N	2x 20 A (Max. 30 A)
Nominal input current I_N	1x 40 A (Max. 60 A)
Maximum current I_{max}	2x 19 A (6 mm ² at 40°C)
Maximum current I_{max}	1x 39 A (6 mm ² at 40°C)
Maximum current I_{max}	2x 16 A (6 mm ² at 60°C)
Maximum current I_{max}	1x 32 A (6 mm ² at 60°C)
Maximum current I_{max}	2x 27 A (10 mm ² at 40°C)
Maximum current I_{max}	1x 54 A (10 mm ² at 40°C)

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Technical data

Input data

Maximum current I_{max}	2x 21 A (10 mm ² at 60°C)
Maximum current I_{max}	1x 43 A (10 mm ² at 60°C)
Maximum current I_{max}	2x 30 A (16 mm ² at 40°C)
Maximum current I_{max}	1x 60 A (16 mm ² at 40°C)
Maximum current I_{max}	2x 24 A (16 mm ² at 60°C)
Maximum current I_{max}	1x 48 A (16 mm ² at 60°C)

Output data

Output current	40 A
Power loss nominal load max.	20 W

General data

Width	62 mm
Height	84 mm
Depth	102 mm
Net weight	0.7 kg
Efficiency	> 97 %
Insulation voltage input/output	1 kV
Degree of protection	IP20
Protection class	II (in an enclosed control cabinet)
Ambient temperature (operation)	-25 °C ... 70 °C (> 60 °C derating, # -25 ... 60°C)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Max. permissible relative humidity (operation)	≤ 95 % (at 25 °C, no condensation)
Mounting position	horizontal and vertical DIN rail NS 35, EN 60715
Assembly instructions	Can be aligned: Horizontal 2 cm, vertical 5 cm
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 55011
Noise immunity	EN 61000-6-2:2005
Declaration of conformity in acc. with EN 60079-15	# II 3 G Ex nA II T4 X
ATEX	# II 3 G Ex nA II T4
Standard - Electrical safety	EN 60950-1/VDE 0805 (SELV)
Shipbuilding approval	Germanischer Lloyd (EMC 2), ABS, DNV
Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations	EN 50178/VDE 0160 (PELV)
UL approvals	UL/C-UL listed UL 508
UL approvals	UL/C-UL Recognized UL 60950
UL approvals	UL/C-UL Listed UL 1604 Class I, Division 2, Groups A, B, C, D

Connection data, input

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Technical data

Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	10 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Stripping length	10 mm
Screw thread	M4

Connection data, output

Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	10 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Stripping length	10 mm

Classifications

ETIM

ETIM 2.0	EC001039
ETIM 3.0	EC001039
ETIM 4.0	EC000599
ETIM 5.0	EC000599

UNSPSC

UNSPSC 11	39121004
UNSPSC 12.01	39121004
UNSPSC 13.2	39121004
UNSPSC 6.01	30211502
UNSPSC 7.0901	39121004

eCl@ss

eCl@ss 4.0	27040702
eCl@ss 4.1	27040702

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Classifications

eCl@ss

eCl@ss 5.0	27242213
eCl@ss 5.1	27242213
eCl@ss 6.0	27049005
eCl@ss 7.0	27049005

Approvals

Approvals

Approvals

UL Recognized / UL Listed / cUL Recognized / cUL Listed / DNV / cULus Recognized / cULus Listed

Ex Approvals


ATEX / UL Listed / cUL Listed / cULus Listed


Approvals submitted

Approval details

UL Recognized 

UL Listed 

cUL Recognized 

cUL Listed 

DNV

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Approvals



Drawings

Block diagram

