


STEP-DIODE/5-24DC/2X5/1X10

Order No.: 2868606

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=2868606>

Redundancy module, 5-24 V DC, 2x 5 A, 1x 10 A



Commercial data	
EAN	 4 046356 583923
Pack	1
Customs tariff	85044082
Country of Origin	DE
Catalog page information	Page 629 (IF-2011)

Product notes

WEEE/RoHS-compliant since:
04/06/2010

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Technical data	
Input data	
Nominal input voltage	5 V DC ... 24 V DC
DC input voltage range	4.5 V DC ... 30 V DC

Nominal input current I_N	2x 5 A (-25°C ... 55°C)
	1x 10 A (-25°C ... 55°C)
	2x 5 A (-25°C ... 55°C)
	1x 10 A (-25°C ... 55°C)

Output data

Output current	10 A (Increasing power)
	5 A (Redundancy)
Derating	55 °C ... 70 °C (2.5%/K)
Power loss nominal load max.	2.5 W ($I_{OUT} = 5 A$)

General data

Width	18 mm
Height	90 mm
Depth	61 mm
Net weight	0.1 kg
Efficiency	> 97 %
	> 97 %
Degree of protection	IP20
Protection class	III
Ambient temperature (operation)	-25 °C ... 70 °C (> 55° C derating)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Max. permissible relative humidity (operation)	≤ 95 % (at 25 °C, no condensation)
Mounting position	horizontal DIN rail NS 35, EN 60715
Assembly instructions	Can be aligned: horizontal 0 cm, vertical 3 cm
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Standard - Electrical safety	IEC 60950-1/VDE 0805 (SELV)
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/C-UL Recognized UL 60950

Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²

Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	6.5 mm
Screw thread	M3

Connection data, output

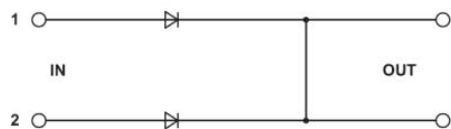
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Stripping length	6.5 mm

Certificates

Certification CUL, CUL Listed, UL, UL Listed

Drawings

Block diagram



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