

Filter terminal block - PSR-FTB/20/86 - 2904477


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Terminal block for filtering test pulses from safe semiconductor outputs with adjustable filter values (20 μ F/86 μ F), as well as for EMC filtering of 24 V signals up to an amperage of 2 A.



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 831512
GTIN	4046356831512

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	6.2 mm
Height	94 mm
Depth	80 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Degree of protection	IP20

Input data

Nominal input voltage U_N	24 V DC \pm 20 % (Control voltage U_{ST} right/left)
Typical input current at U_N	max. 20 mA
Protective circuit	Surge protection

Output data

Nominal output voltage range	19.2 V DC ... 28.8 V DC (Control voltage U_{ST} right/left)
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Technical data

Output data

Limiting continuous current	max. 2 A (in total for OUT1 + OUT2)
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Connection data, control circuit

Connection name	Control circuits
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross section AWG	26 ... 14

Connection data load circuit

Connection name	Load circuit
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross section AWG	26 ... 14

General

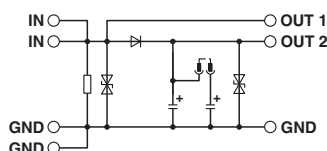
Mounting position	Vertical (horizontal DIN rail)
Assembly instructions	In rows with zero spacing
Operating mode	100% operating factor

Standards and Regulations

Designation	Air clearances and creepage distances between the power circuits
Standards/regulations	EN 61131
Rated insulation voltage	50 V
Rated surge voltage	1.5 kV
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	II

Drawings

Circuit diagram



Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



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