

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
Weight per Piece (excluding packing)	43.6 g
Weight per piece (including packing)	54.1 g
Country of origin	Germany

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

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Technical data

Output data

Nominal output voltage range	19.2 V DC ... 28.8 V DC (Control voltage U _{ST} right/left)
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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
Designation	Air clearances and creepage distances between the power circuits
Standards/regulations	EN 61131
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	II

Standards and Regulations

Designation	Air clearances and creepage distances between the power circuits
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Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371901
eCl@ss 5.1	27371901
eCl@ss 6.0	27371819

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Classifications

eCl@ss

eCl@ss 7.0	27371819
eCl@ss 8.0	27249290
eCl@ss 9.0	27240692

ETIM

ETIM 3.0	EC001449
ETIM 4.0	EC002564
ETIM 5.0	EC002564

UNSPSC

UNSPSC 6.01	30211901
UNSPSC 7.0901	39121501
UNSPSC 11	39121501
UNSPSC 12.01	39121501
UNSPSC 13.2	39121501

Approvals

Approvals

Approvals

EAC

Ex Approvals

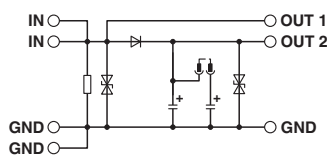
Approvals submitted

Approval details

EAC

Drawings

Circuit diagram



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