

## Filter terminal block - PSR-FTB/1.5/11.5 - 2904476

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Terminal block for filtering test pulses from safe semiconductor outputs with adjustable filter values (1.5  $\mu$ F/11.5  $\mu$ F), as well as for EMC filtering of 24 V signals up to an amperage of 2 A.



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356831505

### Technical data

#### 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

#### 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. 15 mA
Protective circuit	Surge protection

#### Output data

Nominal output voltage	24 V DC $\pm$ 20 % (Control voltage $U_{ST}$ right/left)
Nominal output voltage range	19.2 V DC ... 28.8 V DC (Control voltage $U_{ST}$ right/left)
Limiting continuous current	max. 2 A (in total for OUT1 + OUT2)

#### Connection data, control circuit

Connection name	Control circuits
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### Technical data

#### Connection data, control circuit

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
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 <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
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
Pollution degree	2
Overvoltage category	II

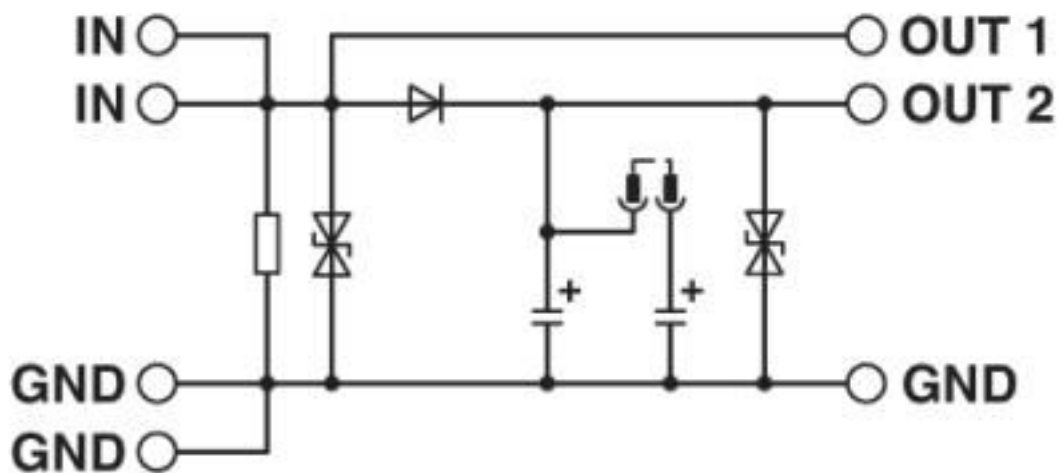
#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

## Filter terminal block - PSR-FTB/1.5/11.5 - 2904476

Circuit diagram



### Classifications

eCl@ss

eCl@ss 10.0.1	27240692
eCl@ss 4.0	40020600
eCl@ss 4.1	40020600
eCl@ss 5.0	27371900
eCl@ss 5.1	27371900
eCl@ss 6.0	27249200
eCl@ss 7.0	27249290
eCl@ss 8.0	27249290
eCl@ss 9.0	27240692

ETIM

ETIM 3.0	EC001449
ETIM 4.0	EC002564
ETIM 5.0	EC002564
ETIM 6.0	EC002584
ETIM 7.0	EC002584

UNSPSC

UNSPSC 6.01	30211901
UNSPSC 7.0901	39121501
UNSPSC 11	39121501
UNSPSC 12.01	39121501
UNSPSC 13.2	39121552
UNSPSC 18.0	39121552
UNSPSC 19.0	39121552
UNSPSC 20.0	39121552

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### Classifications

#### UNSPSC

UNSPSC 21.0	39121552
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### Approvals

#### Approvals

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#### Approvals

EAC

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#### Ex Approvals

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### Approval details

EAC		RU C- DE.A*30.B.01082
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