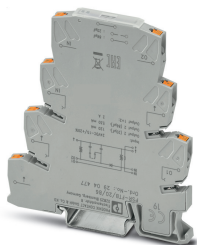


## Filter terminal block - PSR-FTB/20/86 - 2904477

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Terminal block for filtering test pulses from safe semiconductor outputs with adjustable filter values (20  $\mu$ F/86  $\mu$ 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	4046356831512

### 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. 20 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

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

## Technical data

### Connection data, control circuit

Connection name	Control circuits
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

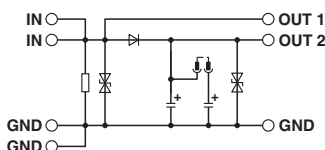
Designation	Air clearances and creepage distances between the power circuits
Standards/regulations	EN 61131
Rated insulation voltage	50 V
Rated surge voltage	1.5 kV
Insulation	Basic insulation
Pollution degree	2
Overvoltage category	II

## 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

Circuit diagram



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### Classifications

#### eCl@ss

eCl@ss 10.0.1	27240692
eCl@ss 11.0	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 9.0	27240692

#### ETIM

ETIM 3.0	EC001449
ETIM 4.0	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
UNSPSC 21.0	39121552

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

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

### Approvals

EAC		RU C- DE.A*30.B.01082
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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>