

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



2904476

<https://www.phoenixcontact.com/us/products/2904476>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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.

## Commercial data

Item number	2904476
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN02
Product key	DNA35Z
Catalog page	Page 263 (C-6-2019)
GTIN	4046356831505
Weight per piece (including packing)	53 g
Weight per piece (excluding packing)	28.6 g
Customs tariff number	85369010
Country of origin	DE

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



2904476

<https://www.phoenixcontact.com/us/products/2904476>

## Technical data

### Product properties

Product type	Filter terminal block
Operating mode	100% operating factor
Area of application	Functional safety

### Insulation characteristics

Insulation	Basic insulation
------------	------------------

Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation	Basic insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Maximum power dissipation for nominal condition	3.6 W
---	-------

Air clearances and creepage distances between the power circuits

Rated insulation voltage	50 V
Rated surge voltage	1.5 kV

### 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)
Load current range	65 mA

### Connection data

#### Control circuits

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section rigid	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

#### Load circuit

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

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



2904476

<https://www.phoenixcontact.com/us/products/2904476>

Conductor cross section flexible	0.14 mm² ... 2.5 mm²
Conductor cross section AWG	26 ... 14

## Dimensions

Width	6.2 mm
Height	94 mm
Depth	80 mm

## Material specifications

Color	green (RAL 6021)
-------	------------------

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

### Air clearances and creepage distances between the power circuits

Standards/regulations	EN 61131
-----------------------	----------

## Mounting

Assembly instructions	in rows with zero spacing
Mounting position	Vertical (horizontal DIN rail)

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



2904476

<https://www.phoenixcontact.com/us/products/2904476>

## Classifications

### ECLASS

ECLASS-11.0	27240692
ECLASS-12.0	27240692
ECLASS-13.0	27240692

### ETIM

ETIM 9.0	EC002584
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



2904476

<https://www.phoenixcontact.com/us/products/2904476>

## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)