

# ZFKK 1,5-MSTBV-5,08 - Feed-through terminal block



1873016

<https://www.phoenixcontact.com/us/products/1873016>

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Feed-through terminal block, nom. voltage: 250 V, nominal current: 12 A, 1st and 2nd level connection right, connection method: Spring-cage connection, cross section: 0.2 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, 1st and 2nd level connection left, connection method: Plug-in connection, mounting: NS 35/7,5, NS 35/15, color: gray

## Commercial data

Item number	1873016
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE02
Product key	BE2141
GTIN	4017918142407
Weight per piece (including packing)	9.554 g
Weight per piece (excluding packing)	9.46 g
Customs tariff number	85369010
Country of origin	PL

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## Technical data

### Product properties

Number of positions	1
Pitch	5.08 mm
Number of connections	4
Number of rows	2

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	4 kV
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### Connection data

Number of connections per level	2
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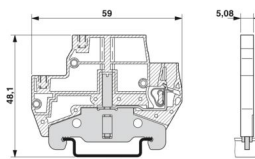
#### 1st and 2nd level connection right

Connection method	Spring-cage connection
Stripping length	10 mm
Connection in acc. with standard	IEC / EN
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross section AWG	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Nominal current	12 A
Nominal voltage	250 V

#### 1st and 2nd level connection left

Connection method	Plug-in connection
Connection in acc. with standard	IEC / EN
Nominal current	12 A
Nominal voltage	250 V

### Dimensions

Dimensional drawing	
Width	5.08 mm

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Pitch	5.08 mm
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## Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Contact surface	Tin Sn
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

## Mechanical properties

### Mechanical data

Open side panel	No
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## Standards and regulations

Connection in acc. with standard	IEC / EN
	IEC / EN

## Mounting

Mounting type	NS 35/7,5
	NS 35/15

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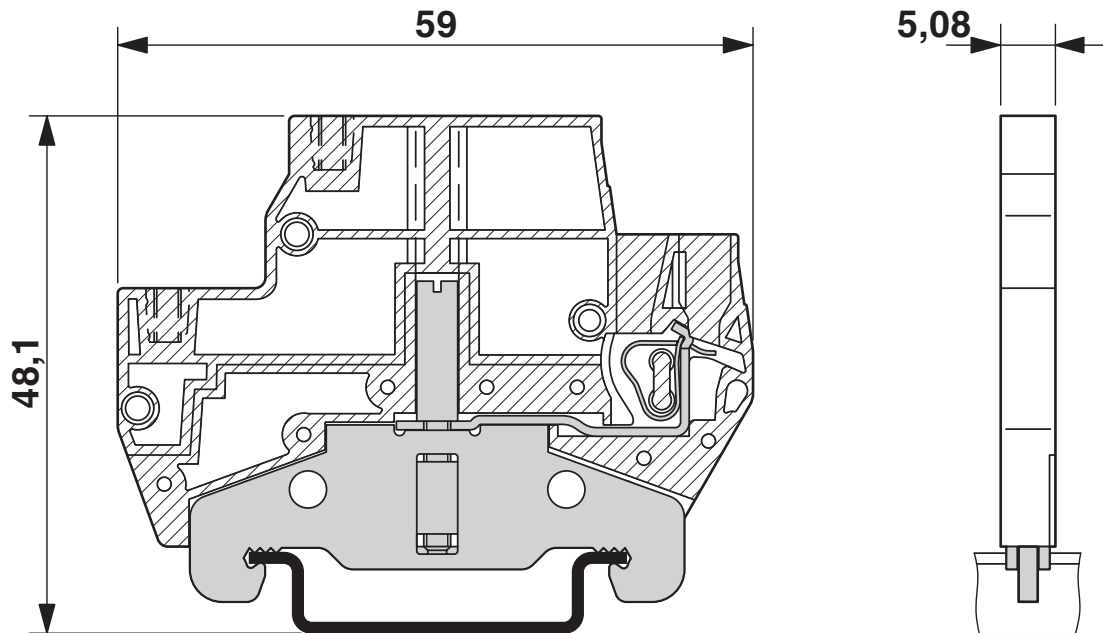


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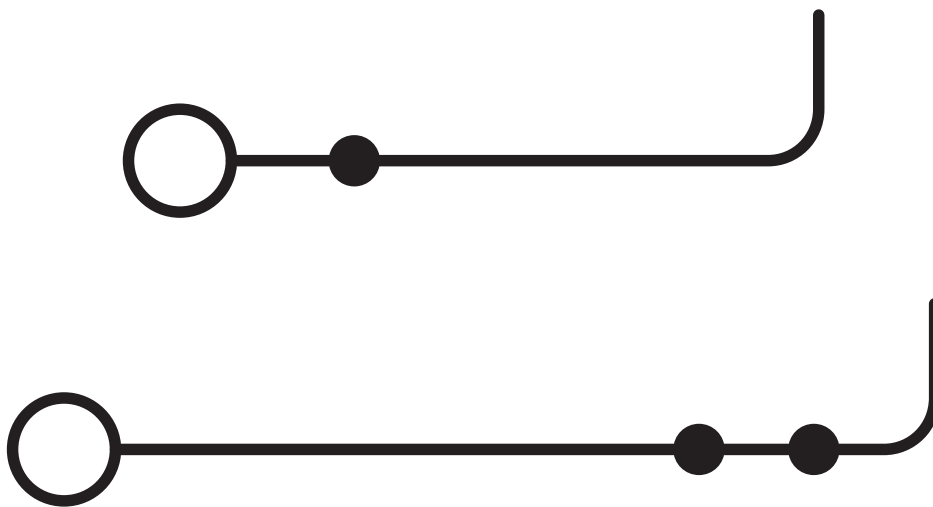
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## Drawings

Dimensional drawing



Circuit diagram



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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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