

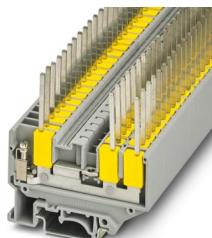
# UVKB 4-FS(2,8)TP(2,4)234D/L - Feed-through terminal block



1954469

<https://www.phoenixcontact.com/us/products/1954469>

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Feed-through terminal block, nom. voltage: 500 V, nominal current: 29 A, connection method: Screw connection, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, connection method: TERMI-POINT®, mounting: NS 35/7,5, NS 35/15, NS 32, color: gray

## Commercial data

Item number	1954469
Packing unit	50 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BE511X
GTIN	4017918269111
Weight per piece (including packing)	17.62 g
Weight per piece (excluding packing)	17.54 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Hybrid terminal block
Number of connections	7
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
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### Connection data

Number of connections per level	7
Nominal cross section	4 mm <sup>2</sup>

#### Level 1 below 1

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
TERMI-POINT pin dimensions	2.4 x 0.8 mm
Position of the TERMI-POINT pin	horizontal
Internal cylindrical gage	A3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross-section with insertion bridge, rigid	4 mm <sup>2</sup>
Cross-section with insertion bridge, flexible	4 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal current	29 A
Maximum load current	29 A (with 4 mm <sup>2</sup> conductor cross-section)
Nominal voltage	500 V
Connection method	TERMI-POINT®

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## Dimensions

Width	6.2 mm
End cover width	2.2 mm

## Material specifications

Color	gray
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	Yes
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32

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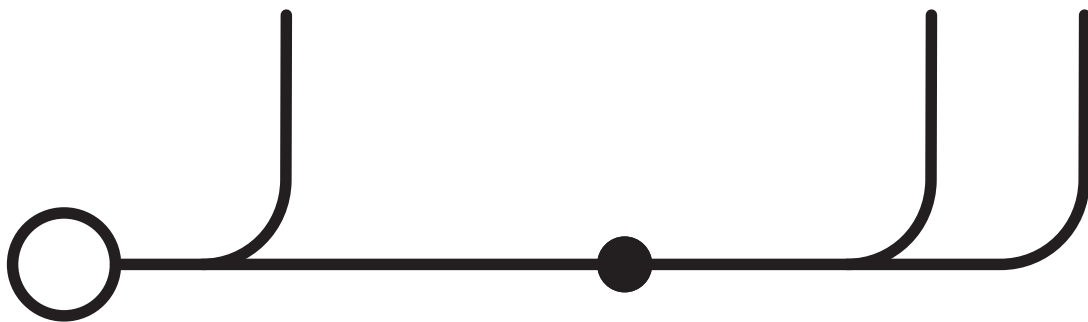


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## Drawings

### Circuit diagram



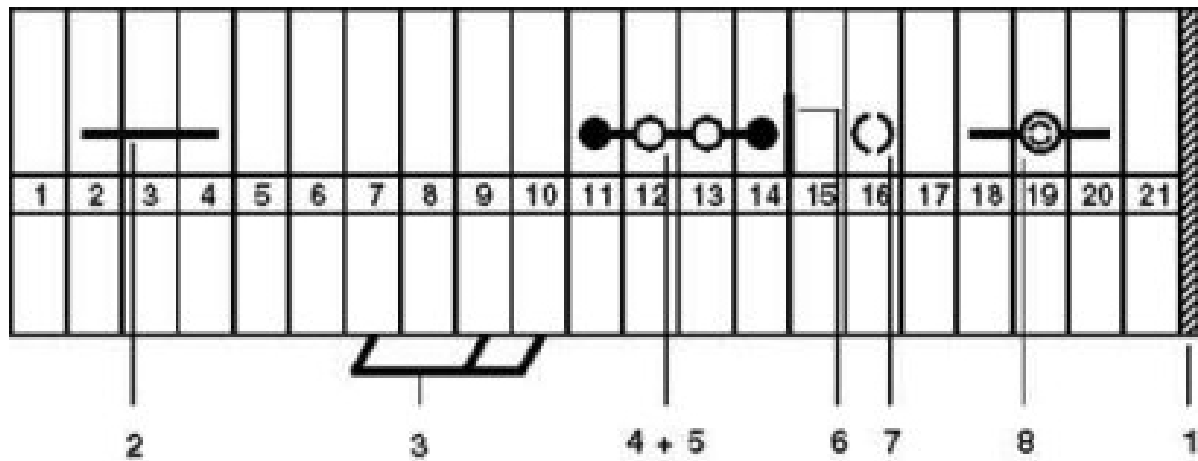
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Circuit diagram



- 1 = cover
- 2 = fixed bridge
- 3 = insertion bridge
- 4 = isolator bridge bar
- 5 = bridge bar isolator
- 6 = separating plate
- 7 = partition plate
- 8 = test plug socket

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