

# UKK 4-FS/FS - Feed-through terminal block



2771133

<https://www.phoenixcontact.com/us/products/2771133>

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Feed-through terminal block, nom. voltage: 400 V, nominal current: 20 A, connection method: Spade connection, 1st and 2nd level, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, NS 32, color: gray

## Commercial data

Item number	2771133
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE05
Product key	BE511X
GTIN	4017918068219
Weight per piece (including packing)	11.67 g
Weight per piece (excluding packing)	11.67 g
Customs tariff number	85369010
Country of origin	PL

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## Technical data

### Product properties

Product type	Feed-through terminal block
Product family	UK
Number of connections	8
Number of rows	2
Potentials	2

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

### Connection data

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

#### 1st and 2nd level

Connection method	Spade connection
Spade connection	6.3/2.8 x 0.8 mm
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	20 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	20 ... 10 (converted acc. to IEC)
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Nominal cross section	4 mm <sup>2</sup>
Nominal current	20 A (current data for slip-on connections in acc. with DIN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross-section.)
Maximum load current	20 A (current data for slip-on connections in acc. with DIN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross-section.)
Nominal voltage	400 V (voltage data for slip-on connections in acc. with DIN 61210 are also dependent on nominal size, material, insulation of the sleeve and conductor cross-section.)

### Dimensions

Width	6.2 mm
End cover width	1.5 mm
Height	72 mm
Depth on NS 32	64 mm
Depth on NS 35/7,5	59 mm

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Depth on NS 35/15	66.5 mm
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## Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	Yes
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

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

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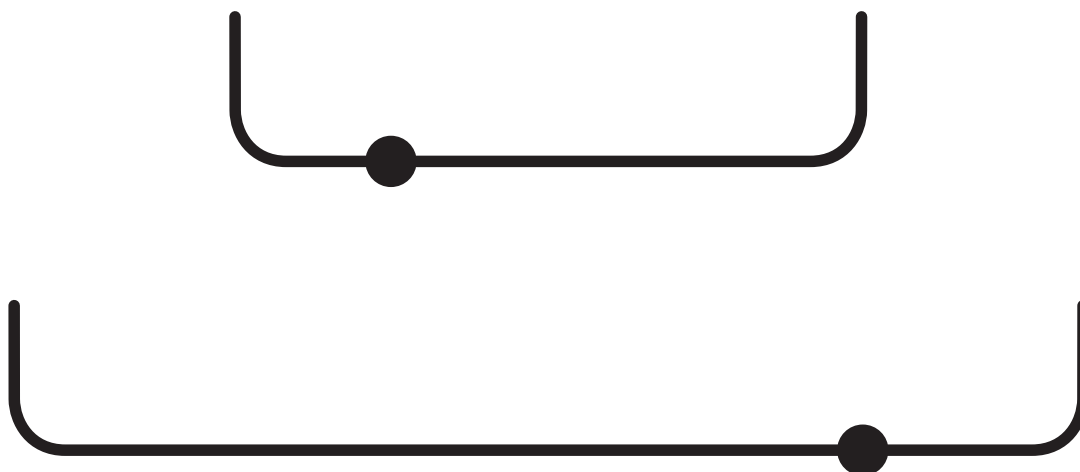


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## Drawings

Circuit diagram

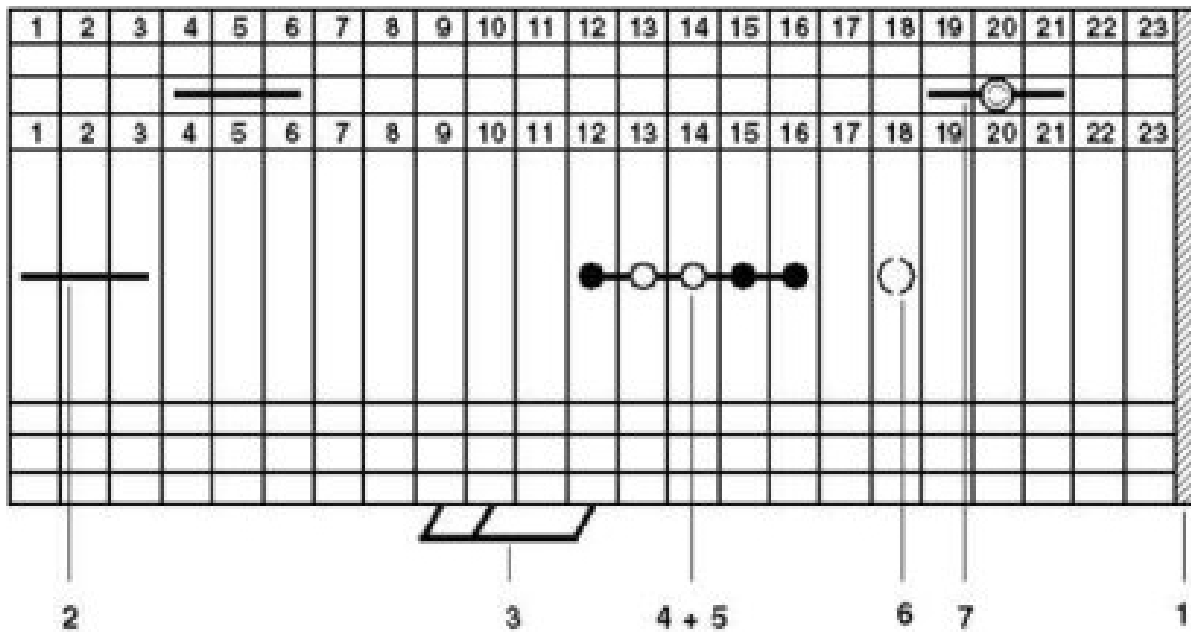


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Circuit diagram



- 1 = Cover
- 2 = Fixed bridge
- 3 = Insertion bridge
- 4 = Isolator bridge bar
- 5 = Isolator bridge
- 6 = Test socket, for test pick-off with MPS test plug or RPS reducing plug
- 7 = Test socket, insulated, can only be used above FBI, KB, ISSBI

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2771133>



**EAC**

Approval ID: RU C-DE.BL08.B.00541



**cULus Recognized**

Approval ID: E60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B				
	300 V	20 A	-	-
C				
	300 V	20 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27250102
ECLASS-15.0	27250102

### ETIM

ETIM 10.0	EC000897
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### UNSPSC

UNSPSC 21.0	39121400
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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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### EF3.1 Climate Change

CO2e kg	0.085 kg CO2e
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