

## Feed-through terminal block - UK 35 BK - 3048315

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Feed-through terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 0.75 mm<sup>2</sup> - 50 mm<sup>2</sup>, AWG: 18 - 1/0, Width: 15.1 mm, Color: black, Mounting type: NS 35/7,5, NS 35/15, NS 32

### Product Features

- ✓ The large wiring space enables the connection of solid and stranded conductors without ferrules, even above the nominal cross section
- ✓ As well as saving space, the compact design enables user-friendly wiring in a small amount of space
- ✓ Optimum screwdriver guidance through closed screw shafts
- ✓ The multi-conductor connection offers maximum flexibility and wiring density



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	58.0 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	black
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	150 A (with 50 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III

## Feed-through terminal block - UK 35 BK - 3048315

### Technical data

#### General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	150 A
Nominal voltage $U_N$	1000 V
Open side panel	nein
Number of positions	1

#### Dimensions

Width	15.1 mm
Length	50 mm
Height NS 35/7,5	62 mm
Height NS 35/15	69.5 mm
Height NS 32	67 mm

#### Connection data

Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	50 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max.	1/0
Conductor cross section stranded min.	0.75 mm <sup>2</sup>
Conductor cross section stranded max.	35 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	18
Max. AWG conductor cross section, stranded	2
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm <sup>2</sup>
Connection method	Screw connection

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### Technical data

#### Connection data

Stripping length	16 mm
Internal cylindrical gage	B9
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

### Classifications

#### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

#### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

#### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

### Approvals

#### Approvals

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#### Approvals

CSA / UL Recognized / KEMA-KEUR / KEMA-KEUR / GOST / GL / RS / PRS / KR / NK / CCA / IECCEB Scheme / GOST

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## Approvals


Ex Approvals


IECEX / ATEX / FM approved / UL Recognized / cUL Recognized / GL / cULus Recognized


Approvals submitted

## Approval details

CSA 		
	B	C
mm <sup>2</sup> /AWG/kcmil	18	18
Nominal current I <sub>N</sub>	150 A	150 A
Nominal voltage U <sub>N</sub>	600 V	600 V

UL Recognized 		
mm <sup>2</sup> /AWG/kcmil	18	
Nominal current I <sub>N</sub>	150 A	
Nominal voltage U <sub>N</sub>	600 V	

KEMA-KEUR 		
mm <sup>2</sup> /AWG/kcmil	35	
Nominal voltage U <sub>N</sub>	1000 V	

KEMA-KEUR 		
mm <sup>2</sup> /AWG/kcmil	35	
Nominal voltage U <sub>N</sub>	1000 V	

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## Approvals

GOST 
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GL
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RS
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PRS
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KR
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NK
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CCA	
mm <sup>2</sup> /AWG/kcmil	35

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	35
Nominal voltage UN	1000 V

GOST 
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## Accessories

Accessories

Labeled terminal marker

## Feed-through terminal block - UK 35 BK - 3048315

### Accessories

Zack marker strip - ZB 15 CUS - 0824945



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 15.2 mm, Lettering field: 10.5 x 15.1 mm

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### Mounting rail

DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

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### Terminal marking

Zack marker strip - ZB 15:UNBEDRUCKT - 0811972



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 15.2 mm, Lettering field: 10.5 x 15.1 mm