

## Feed-through terminal block - UK 35-IB - 3008009

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

### 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	gray
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-IB - 3008009

### 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

#### 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
Stripping length	16 mm

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### Technical data

#### Connection data

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 / KEMA-KEUR / RS / IECCEB Scheme / GOST / GOST

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# Feed-through terminal block - UK 35-IB - 3008009

## Approvals

Ex Approvals

IECEX / ATEX / FM approved

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

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

RS

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

GOST

## Feed-through terminal block - UK 35-IB - 3008009

### Approvals



### Accessories

#### Accessories

#### Bridge

Step bracket - STL 35/10 - 0204084



Step bracket, Number of positions: 2, Color: white aluminum

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Step bracket - STL 35/ 5 - 0204107



Step bracket, Number of positions: 2, Color: white aluminum

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Step bracket - STL 35/16 - 0204097



Step bracket, Number of positions: 2, Color: white aluminum

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Chain bridge - KBI- 15 - 0205203



Chain bridge, Number of positions: 1, Color: silver

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

Fixed bridge - FBI 2-15 - 0201333



Fixed bridge, Number of positions: 2, Color: silver

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Fixed bridge - FBI 3-15 - 0201278



Fixed bridge, Number of positions: 3, Color: silver

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Insertion bridge - EB 2-15 - 0203166



Insertion bridge, Number of positions: 2, Color: gray

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Insertion bridge - EB 10-15 - 0205135



Insertion bridge, Number of positions: 10, Color: gray

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Insertion bridge - EB 2-15 K/UK 35 - 0205119



Insertion bridge, Number of positions: 2, Color: gray

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

Insertion bridge - EB 3-15 K/UK 35 - 0205106



Insertion bridge, Number of positions: 3, Color: gray

Insertion bridge - EB 10-15 K/UK 35 - 0205096



Insertion bridge, Number of positions: 10, Color: gray

Switching jumper - SBH 2-15 - 0205232



Switching jumper, Number of positions: 1, Color: silver

### Cover profile

Cover profile - EA 11 - 1024263



Single cover, for covering one terminal block, snap fit, cannot be labeled, color: transparent

### End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

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### Accessories

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#### End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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#### End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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#### End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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#### End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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### Insulating sleeve

#### Insulating sleeve - PS-IH WH - 0311566



Insulating sleeve, Color: white

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

Insulating sleeve - PS-IH RD - 0311579



Insulating sleeve, Color: red

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Insulating sleeve - PS-IH BU - 0311582



Insulating sleeve, Color: blue

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Insulating sleeve - PS-IH YE - 0311595



Insulating sleeve, Color: yellow

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Insulating sleeve - PS-IH GN - 0311605



Insulating sleeve, Color: green

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Insulating sleeve - PS-IH GY - 0311621



Insulating sleeve, Color: gray

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

Insulating sleeve - PS-IH BK - 0311634



Insulating sleeve, Color: black

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Insulating sleeve - PS-IH VT - 0311618



Insulating sleeve, Color: violet

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### Labeled terminal marker

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

## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

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DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Partition plate

Separating plate - TS-K - 1302215



Separating plate, Length: 22 mm, Height: 22 mm, Color: gray

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## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

Partition plate - TP-UK 35 - 3008096



Partition plate, Width: 2 mm, Color: gray

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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

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### Test plug terminal block

Test plugs - PS-MT - 0311647



Test plugs

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### Test socket

Female test connector - PSB 6/5/6 - 0205290



Female test connector, Color: silver

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### Warning label printed

## Feed-through terminal block - UK 35-IB - 3008009

### Accessories

Warning label - WS 5-15 - 1004445



Warning label, Plate, orange, labeled: Lightning flash and warning in English, Mounting type: Screws, rivets, For terminal block width: 15 mm

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Warning label - WS 4-15 - 1004241



Warning label, Plate, orange, labeled: Lightning flash and warning in English, Mounting type: Screws, rivets, For terminal block width: 15 mm

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