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

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.75 mm² - 50 mm², 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 mm² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III

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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 mm²
Conductor cross section solid max.	50 mm²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	1/0
Conductor cross section stranded min.	0.75 mm²
Conductor cross section stranded max.	35 mm²
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 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm²
2 conductors with same cross section, solid min.	0.75 mm²
2 conductors with same cross section, solid max.	16 mm²
2 conductors with same cross section, stranded min.	0.75 mm²
2 conductors with same cross section, stranded max.	10 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm²
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

Approvals

CSA / KEMA-KEUR / RS / IECEE CB Scheme / GOST / GOST

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Approvals

Ex Approvals

IECEx / ATEX / FM approved

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	18	18
Nominal current IN	150 A	150 A
Nominal voltage UN	600 V	600 V

KEMA-KEUR

mm²/AWG/kcmil	35
Nominal voltage UN	1000 V

RS

IECEE CB Scheme

mm²/AWG/kcmil	35
Nominal voltage UN	1000 V

GOST

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Approvals

GOST

Accessories

Accessories

Bridge

Step bracket - STL 35/10 - 0204084



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

Step bracket - STL 35/ 5 - 0204107



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

Step bracket - STL 35/16 - 0204097



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

Chain bridge - KBI- 15 - 0205203



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

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Accessories

Fixed bridge - FBI 2-15 - 0201333



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

Fixed bridge - FBI 3-15 - 0201278



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

Insertion bridge - EB 2-15 - 0203166



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

Insertion bridge - EB 10-15 - 0205135



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

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



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

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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

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

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

End clamp - E/UK - 1201442



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

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

Insulating sleeve

Insulating sleeve - PS-IH WH - 0311566



Insulating sleeve, Color: white

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Accessories

Insulating sleeve - PS-IH RD - 0311579



Insulating sleeve, Color: red

Insulating sleeve - PS-IH BU - 0311582



Insulating sleeve, Color: blue

Insulating sleeve - PS-IH YE - 0311595



Insulating sleeve, Color: yellow

Insulating sleeve - PS-IH GN - 0311605



Insulating sleeve, Color: green

Insulating sleeve - PS-IH GY - 0311621



Insulating sleeve, Color: gray

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Accessories

Insulating sleeve - PS-IH BK - 0311634



Insulating sleeve, Color: black

Insulating sleeve - PS-IH VT - 0311618



Insulating sleeve, Color: violet

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

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

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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Accessories

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

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



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

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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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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



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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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)

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



DIN rail 35 mm (NS 35)

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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Accessories

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



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

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

End cap - NS 35/15 CAP - 1206573



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

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

Partition plate

Separating plate - TS-K - 1302215



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

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Accessories

Partition plate - TP-UK 35 - 3008096



Partition plate, Width: 2 mm, Color: gray

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

Test plug terminal block

Test plugs - PS-MT - 0311647



Test plugs

Test socket

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



Female test connector, Color: silver

Warning label printed

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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

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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