PHŒNIX CONTACT

Feed-through terminal block - UK 35-IB-FE - 3048154

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Feed-through terminal block, with Allen screws, Connection method: Screw connection, Cross section: 0.75 mm² - 50 mm², AWG: 18 - 1/0, Width: 15.1 mm, Color: black/yellow, Mounting type: NS 32, NS 35/7,5, NS 35/15

The illustration shows the version in gray

Why buy this product

☑ 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
GTIN	4 046356 762700
Custom tariff number	85369010

Technical data

General

Number of levels	1
Number of connections	2
Color	black/yellow
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
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	150 A (with 50 mm² conductor cross section)

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Technical data

General

Nominal current I_N	150 A
Nominal voltage U_N	1000 V
Maximum load current	150 A (with 50 mm² conductor cross section)
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

Connection in acc. with standard	IEC 60947-7-1
Connection method	Screw connection
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
Stripping length	16 mm
Internal cylindrical gage	B9
Screw thread	M6

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Technical data

Connection data

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

KEMA-KEUR / EAC

Ex Approvals

Approvals submitted

Approval details

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Approvals

KEMA-KEUR	KEMA KEUR	
mm²/AWG/kcmil	35	
Nominal voltage UN	1000 V	

EAC

Accessories

Accessories

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

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

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

Insertion bridge

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

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Accessories

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

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

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

Insulating sleeve

Insulating sleeve - PS-IH WH - 0311566

Insulating sleeve, Color: white

Insulating sleeve - PS-IH RD - 0311579

Insulating sleeve, Color: red

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Accessories

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

Insulating sleeve - PS-IH BK - 0311634

Insulating sleeve, Color: black

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Accessories

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

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Marker for terminal blocks - ZB 15,LGS:L1-N,PE - 0811998

Marker for terminal blocks, Strip, white, labeled, Printed horizontally: L1, L2, L3, N, PE, 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 perforated - 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, unperforated - 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, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681

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

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

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

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

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

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

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

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, unperforated - NS 35/15 UNPERF 2000MM - 1201714

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

DIN rail perforated - 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

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

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

DIN rail, unperforated - 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, unperforated - 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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Separating plate - TP-UK 35 - 3008096

Separating plate, Width: 2 mm, Color: gray

Screw bridge

Step bracket - STL 35/10 - 0204084

Step bracket, Number of positions: 2, Color: silver

Step bracket - STL 35/ 5 - 0204107

Step bracket, Number of positions: 2, Color: silver

Step bracket - STL 35/16 - 0204097

Step bracket, Number of positions: 2, Color: silver

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

Switching jumper

Switching jumper - SBH 2-15 - 0205232

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

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

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Accessories

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

Female test connector, Color: silver

Warning label printed

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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