

Feed-through terminal block - UK 35 BU - 3008025

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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: blue, 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

package_quantity	50
GTIN	4017918091569

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	150 A (with 50 mm ² 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
Nominal current I _N	150 A
Nominal voltage U _N	1000 V
Open side panel	nein

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Technical data

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

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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

IECEX / ATEX / FM approved / cUL Recognized / GL / CSA / UL Recognized / KEMA-KEUR / GOST / RS / PRS / KR / NK / IECCE CB Scheme / KEMA-KEUR / GL / GOST /

Approval details

IECEX	
Nominal voltage UN	690 V
Nominal current IN	118.5 A
mm²/AWG/kcmil	0.75-35

ATEX 	
Nominal voltage UN	690 V
Nominal current IN	147 A
mm²/AWG/kcmil	0.75-50

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FM approved 	
Nominal voltage UN	600 V
Nominal current IN	150 A
mm²/AWG/kcmil	18

cUL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	150 A
mm²/AWG/kcmil	

GL 	
Nominal voltage UN	690 V
Nominal current IN	118.5 A
mm²/AWG/kcmil	35

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

UL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	150 A
mm²/AWG/kcmil	18

KEMA-KEUR 	
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approvals

Nominal voltage UN	1000 V
Nominal current IN	
mm²/AWG/kcmil	35

GOST 

RS

PRS

KR

NK

IECEE CB Scheme 	
Nominal voltage UN	1000 V
Nominal current IN	
mm²/AWG/kcmil	35

	
Nominal voltage UN	1000 V
Nominal current IN	
mm²/AWG/kcmil	35

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accessories

Warning label printed

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accessories

WS 5-15 - 1004445



WS 4-15 - 1004241



Cover profile

EA 11 - 1024263



Bridge

STL 35/ 5 - 0204107



STL 35/16 - 0204097



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accessories

STL 35/10 - 0204084



KBI- 15 - 0205203



FBI 2-15 - 0201333



FBI 3-15 - 0201278



EB 2-15 - 0203166



EB 10-15 - 0205135



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accessories

EB 2-15 K/UK 35 - 0205119



EB 3-15 K/UK 35 - 0205106



EB 10-15 K/UK 35 - 0205096



SBH 2-15 - 0205232



Partition plate

TS-K - 1302215



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accessories

TP-UK 35 - 3008096



Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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



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



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



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



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NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



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accessories

NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



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Terminal marking

ZB 15:UNBEDRUCKT - 0811972



Labeled terminal marker

ZB 15 CUS - 0824945



Test plug terminal block

PS-MT - 0311647



Insulating sleeve

PS-IH WH - 0311566



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accessories

PS-IH RD - 0311579



PS-IH BU - 0311582



PS-IH YE - 0311595



PS-IH GN - 0311605



PS-IH GY - 0311621



PS-IH BK - 0311634



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accessories

PS-IH VT - 0311618



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



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accessories

E/UK 1 - 1201413



Test socket

PSB 6/5/6 - 0205290



Drawings

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