

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

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	50 STK
GTIN	 4 017918 091569

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	35 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	150 A (with 50 mm ² conductor cross section)

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Technical data

General

Nominal current I_N	125 A
Nominal voltage U_N	1000 V
Open side panel	No

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 method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	1/0
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	35 mm ²
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, 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 in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	1

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Technical data

Connection data

Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	35 mm ²
Stripping length	16 mm
Internal cylindrical gage	B9
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

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
eCl@ss 9.0	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

Approvals

CSA / UL Recognized / KEMA-KEUR / RS / PRS / KR / NK / IECEx CB Scheme / cUL Recognized / EAC / GL / cULus Recognized

Ex Approvals

IECEx / ATEX / cUL Recognized / UL Recognized / EAC Ex / GL / cULus Recognized

Approvals submitted

Approval details

CSA 		
	B	C
mm ² /AWG/kcmil	18-1/0	18-1/0
Nominal current I _N	150 A	150 A
Nominal voltage U _N	600 V	600 V

UL Recognized 		
	B	C
mm ² /AWG/kcmil	18-1/0	18-1/0
Nominal current I _N	150 A	150 A
Nominal voltage U _N	600 V	600 V

KEMA-KEUR 	
mm ² /AWG/kcmil	35
Nominal voltage U _N	1000 V

RS

PRS

KR

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Approvals

NK

IECEE CB Scheme 

mm²/AWG/kcmil

35

Nominal voltage UN

1000 V

cUL Recognized 

B

C

mm²/AWG/kcmil

18-1/0

18-1/0

Nominal current IN

150 A

150 A

Nominal voltage UN

600 V

600 V

EAC

GL

cULus Recognized 

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