

Feed-through terminal block - UK 16 N BU - 3006056

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Feed-through terminal block, Connection method: Screw connection, Cross section: 2.5 mm² - 25 mm², AWG: 14 - 4, Width: 12.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32

Product Features

- All universal terminal blocks in the UK... series can also be used in the Ex e area according to IEC/EN 60079 as standard
- The corresponding EC-type examination numbers for Ex approval can be found in the technical connection data



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 091316
Weight per Piece (excluding packing)	23.268 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3

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Technical data

General

Overvoltage category	III
Insulating material group	I
Maximum load current	101 A (with 25 mm ² conductor cross section)
Nominal current I _N	76 A
Nominal voltage U _N	800 V
Open side panel	Yes

Dimensions

Width	12.2 mm
End cover width	1.5 mm
Length	42.5 mm
Height NS 35/7,5	54 mm
Height NS 35/15	61.5 mm
Height NS 32	59 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG max.	4
Conductor cross section flexible min.	4 mm ²
Conductor cross section flexible max.	16 mm ²
Min. AWG conductor cross section, flexible	12
Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	4 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.	10 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	22
Conductor cross section AWG max.	4
Conductor cross section flexible min.	4 mm ²
Conductor cross section flexible max.	16 mm ²
Stripping length	11 mm
Internal cylindrical gage	B7
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 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

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Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / DNV / RS / CCA / IECCEB Scheme / EAC / EAC / GL / cULus Recognized

Ex Approvals

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

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	22-4
Nominal current I _N	85 A
Nominal voltage U _N	600 V

UL Recognized	
mm ² /AWG/kcmil	22-4
Nominal current I _N	85 A
Nominal voltage U _N	600 V

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Approvals

cUL Recognized	
mm ² /AWG/kcmil	22-4
Nominal current I _N	85 A
Nominal voltage U _N	600 V

DNV

RS

CCA

IECEE CB Scheme	
mm ² /AWG/kcmil	16
Nominal voltage U _N	800 V

EAC

EAC

GL

cULus Recognized	
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Drawings

Circuit diagram



