Feed-through terminal block - UK 10 N BU - 3005086

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 10.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32

Why buy this product

- 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	50 pc
Minimum order quantity	50 pc
GTIN	4 017918 091026
Weight per Piece (excluding packing)	16.2 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	10 mm²
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	76 A (with 16 mm² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

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Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Maximum load current	76 A (with 16 mm² conductor cross section)
Nominal current I_N	57 A
Nominal voltage U_N	800 V
Open side panel	ja

Dimensions

Width	10.2 mm
End cover width	1.8 mm
Length	42.5 mm
Height NS 35/7,5	47.3 mm
Height NS 35/15	54.8 mm
Height NS 32	52.3 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	10 mm²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
Cross section with insertion bridge, solid max.	10 mm²
Cross section with insertion bridge, stranded max.	10 mm²
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 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.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²

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Technical data

Connection data

Cross section with insertion bridge, solid max.	10 mm²
Cross section with insertion bridge, stranded max.	10 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	6
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	10 mm²
Stripping length	10 mm
Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 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

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Approvals

Approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GL / DNV / CCA / RS / EAC / EAC / cULus Recognized

Ex Approvals

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

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	24-6	24-6
Nominal current IN	65 A	65 A
Nominal voltage UN	600 V	600 V

UL Recognized

mm²/AWG/kcmil	24-6
Nominal current IN	65 A
Nominal voltage UN	600 V

KEMA-KEUR

mm²/AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	800 V

cUL Recognized

mm²/AWG/kcmil	24-6

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Approvals

Nominal current IN	65 A
Nominal voltage UN	600 V

GL

mm²/AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	690 V

DNV

CCA

mm²/AWG/kcmil	10
Nominal voltage UN	800 V

RS

EAC

EAC

cULus Recognized

Drawings

Circuit diagram