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Feed-through terminal block, Connection method: Screw connection, Cross section: 2.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, 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 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3



## Technical data

#### General

Overvoltage category	III
Insulating material group	I
Maximum load current	101 A (with 25 mm² conductor cross section)
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	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 mm²		
Conductor cross section solid max.	25 mm <sup>2</sup>		
Conductor cross section AWG min.	14		
Conductor cross section AWG max.	4		
Conductor cross section flexible min.	4 mm²		
Conductor cross section flexible max.	16 mm²		
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 mm²		
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm²		
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm²		
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>		
2 conductors with same cross section, solid min.	1.5 mm²		
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>		
2 conductors with same cross section, stranded min.	1.5 mm²		
2 conductors with same cross section, stranded max.	4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm²		



## Technical data

#### Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm²	
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm²	
Connection in acc. with standard	IEC/EN 60079-7	
Conductor cross section solid min.	2.5 mm <sup>2</sup>	
Conductor cross section solid max.	25 mm <sup>2</sup>	
Conductor cross section AWG min.	22	
Conductor cross section AWG max.	4	
Conductor cross section flexible min.	4 mm <sup>2</sup>	
Conductor cross section flexible max.	16 mm²	
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



### Classifications

#### **UNSPSC**

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

### Approvals

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Approvals

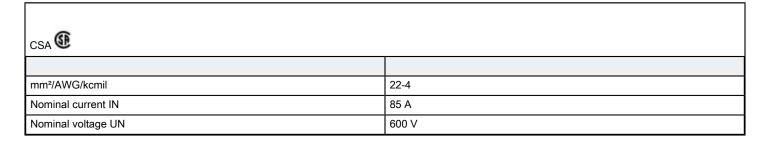
CSA / UL Recognized / CUL Recognized / DNV / RS / CCA / IECEE CB Scheme / EAC / EAC / GL / cULus Recognized

Ex Approvals

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

Approvals submitted

#### Approval details



UL Recognized <b>5</b>	
mm²/AWG/kcmil	22-4
Nominal current IN	85 A
Nominal voltage UN	600 V



## Approvals

cUL Recognized		
mm²/AWG/kcmil	22-4	
Nominal current IN	85 A	
Nominal voltage UN	600 V	
DANY		
DNV		
RS		
CCA		
CB		
IECEE CB Scheme CB		
mm²/AWG/kcmil	16	
Nominal voltage UN	800 V	
EAC		
LAO		
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GL		
cULus Recognized • Sus		
Drawings		
Circuit diagram		
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