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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, Width: 8.2 mm, Color: red, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the color version

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
- The cable entry funnel enables the use of conductors with ferrules and plastic collars within the nominal cross section



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	14.8 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	6 mm ²
Color	red
Insulating material	PA



Technical data

General

Flammability rating according to UL 94	V0
Area of application	Machine building
	Plant engineering
	Process industry
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	1
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	57 A (with 10 mm² conductor cross section)
Nominal current I _N	41 A
Nominal voltage U _N	1000 V
Open side panel	Yes

Dimensions

Width	8.2 mm
End cover width	2.2 mm
Length	47.7 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Connection method	Screw connection	
Connection in acc. with standard	IEC 60947-7-1	
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.	
Conductor cross section solid min.	0.2 mm²	
Conductor cross section solid max.	10 mm²	
Conductor cross section AWG min.	24	
Conductor cross section AWG max.	8	
Conductor cross section flexible min.	0.2 mm²	
Conductor cross section flexible max.	10 mm²	
Min. AWG conductor cross section, flexible	24	
Max. AWG conductor cross section, flexible	8	
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²	
2 conductors with same cross section, solid min.	0.2 mm²	

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Technical data

Connection data

2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm²
Stripping length	10 mm
Internal cylindrical gage	A5
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
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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



Classifications

eCl@ss

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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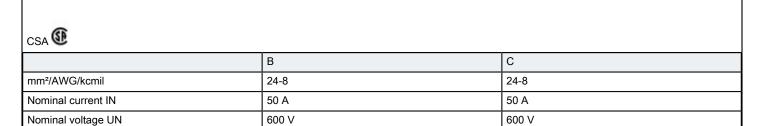
 ${\sf CSA / UL \ Recognized / VDE \ Gutachten \ mit \ Fertigungs \"{u}berwachung / cUL \ Recognized / \ IECEE \ CB \ Scheme / \ GL / \ DNV / \ EAC / \ EAC / \ RS / \ cULus \ Recognized }$

Ex Approvals

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

Approvals submitted

Approval details





Approvals

UL Recognized 51		
	В	С
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	50 A	50 A
Nominal voltage UN	600 V	600 V

VDE Gutachten mit Fertigungsüberwachung		
mm²/AWG/kcmil	0.2-6	
Nominal voltage UN	800 V	

cUL Recognized			
	В	С	
mm²/AWG/kcmil	24-8	24-8	
Nominal current IN	50 A	50 A	
Nominal voltage UN	600 V	600 V	

IECEE CB Scheme CB		
mm²/AWG/kcmil	0.2-6	
Nominal voltage UN	800 V	

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Approvals

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Drawings

Circuit diagram

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