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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version ST 4-QUATTRO in gray

Product Features

- Cross connection to any number of terminal blocks with the consistent FBS ... plug-in bridge system
- Compact potential distributors, the double connection enables four conductors to be connected on one potential
- Tested for railway applications



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	14.0 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	4
Nominal cross section	4 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry



Technical data

General

	Mechanical engineering	
	Plant engineering	
	Process industry	
Rated surge voltage	8 kV	
Degree of pollution	3	
Overvoltage category	III	
Insulating material group	I I	
Connection in acc. with standard	IEC 60947-7-1	
Maximum load current	40 A (In the case of a 6 mm² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors)	
Nominal current I _N	32 A (with 6 mm² conductor cross section)	
Nominal voltage U _N	800 V	
Open side panel	Yes	

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Length	87 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.08 mm²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²



Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	4 mm ²
Stripping length	8 mm 10 mm
Internal cylindrical gage	A4

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	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141125
eCl@ss 5.1	27141125
eCl@ss 6.0	27141125
eCl@ss 7.0	27141125
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

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Classifications

UNSPSC

UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

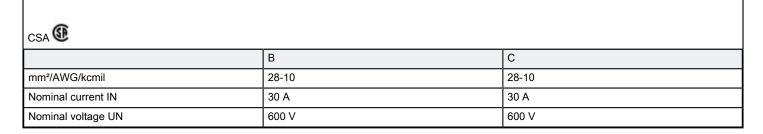
CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / GL / BV / ABS / KR / NK / IECEE CB Scheme / EAC / EAC / RS / cULus Recognized

Ex Approvals

IECEx / ATEX / EAC Ex

Approvals submitted

Approval details



UL Recognized \$\)		
OL Recognized	В	С
mm²/AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V



Approvals

VDE Gutachten mit Fertigungsüberv	vachung 🐼				
T = Gataonton min oragangouson					
mm²/AWG/kcmil		0.2-4.0	0.2-4.0		
Nominal current IN		32 A	32 A		
Nominal voltage UN		800 V	800 V		
cUL Recognized 51	I.s.				
	B		C 28-10		
mm²/AWG/kcmil		28-10			
Nominal current IN	30 A		30 A		
Nominal voltage UN	600 V		600 V		
LB					
LR					
<u></u>					
GL					
BV					
ABS					
KR					
NK					
IECEE CB Scheme					
IEUEE UB Scheme Tome					
mm2/ANNC/komil		4			
mm²/AWG/kcmil Nominal voltage UN		4	800 V		
INOMINAL VOILAGE OIN		000 V			
FAC					
EAC					



Approvals

EAC	
RS	
cULus Recognized CALus	

Drawings

Circuit diagram

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