Feed-through terminal block - ST 4 OG - 3037135

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The illustration shows version ST 4 in gray

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

Product Features

- The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- As well as saving space, the compact design and front connection enable user-friendly wiring in a small amount of space
- The large wiring space enables the use of conductors with ferrules and plastic collars within the nominal cross section
- Tested for railway applications

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	8.62 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	orange
Insulating material	PA
Flammability rating according to UL 94	V0

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Technical data

General

Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	40 A (with 6 mm² conductor cross section)
Nominal current I_N	32 A
Nominal voltage U_N	800 V
Open side panel	Yes

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Length	56 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 mm²
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 mm²
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 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
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

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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 mm²
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 mm²
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	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

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 / cULus Recognized

Ex Approvals

IECEx / ATEX / EAC Ex

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

UL Recognized

	B	C
mm²/AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-4.0
Nominal current IN	32 A
Nominal voltage UN	800 V

cUL Recognized

	B	C
mm²/AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

LR

GL

BV

ABS

KR

NK

IECEE CB Scheme

mm²/AWG/kcmil	4
Nominal voltage UN	800 V

EAC

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Approvals

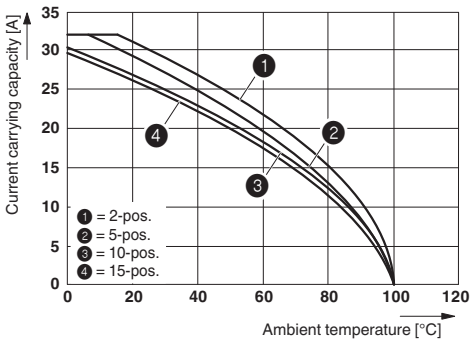
EAC

cULus Recognized

Drawings

Circuit diagram

Diagram



The figure shows the derating curve of the ST 4... terminal block in connection with the SP 4 plug