

Feed-through terminal block - ST 4-QUATTRO/4CP - 3042736

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Feed-through terminal block, Connection method: Spring-cage/plug-in connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

- Tested for railway applications
- Connection with standard COMBI plugs
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Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	12.4 GRM
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Rated surge voltage	6 kV
Pollution degree	3

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Technical data

General

Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Current	32 A
Nominal current I _N	32 A
Nominal voltage U _N	500 V
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Surge voltage test setpoint	9.8 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	2 kV
Result of power-frequency withstand voltage test	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Conductor cross section short circuit testing	4 mm ²
Short-time current	0.48 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
ASD level	0.964 (m/s ²) ² /Hz
Acceleration	0.58 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C

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Technical data

Dimensions

Width	6.2 mm
Length	95.9 mm
Height NS 35/7,5	36.8 mm
Height NS 35/15	44.3 mm

Connection data

Connection method	Spring-cage/plug-in connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	12

Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

ETIM

ETIM 4.0	EC000899
ETIM 5.0	EC000899

UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

Approvals

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Drawings

Circuit diagram



Diagram

