

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Feed-through terminal block, Connection method: Spring-cage/plug-in connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, 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
- 



### 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

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

### 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 <sup>2</sup>
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	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	0.964 (m/s <sup>2</sup> ) <sup>2</sup> /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

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

### 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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
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

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

## Approvals

---

Approvals

EAC

---

Ex Approvals

---

Approvals submitted

---

## Approval details

EAC
-----

## Drawings

Circuit diagram



Diagram

