Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

Product Features

- These versions can be used as compact potential distributors
- Tested for railway applications

Key commercial data

package_quantity	50
GTIN	4046356055451

Technical data

General

Number of levels	1
Number of connections	4
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering
Area of application	Process industry

General

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Open side panel	ja
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted

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Technical data

General

Test frequency	f_1 = 5 Hz to f_2 = 150 Hz
ASD level	0.02 g²/Hz
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
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))	120 °C

Dimensions

Width	5.2 mm
Length	65.4 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	4 mm²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²

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Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

IECEx / ATEX / UL Recognized / cUL Recognized / GL / RS / GOST / CSA / GOST / cULus Recognized /

Approval details

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approvals

IECEx

Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	0.14-2.5

ATEX

Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	0.14-4

UL Recognized

Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	26-12

cUL Recognized

Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	26-12

GL

RS

GOST

CSA

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approvals

Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	26-12

cULus Recognized

accessories

End cover

D-UT 2,5/4-QUATTRO - 3047170

DS-UT 2,5/4 - 3047109

DP PS-5 - 3036725

Partition plate

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accessories

ATP-UT-QUATTRO - 3047196

Test plug terminal block

PS-5/2,3MM RD - 3038723

MPS-MT - 0201744

PAI-4-FIX-5/6 BU - 3035975

PAI-4-FIX-5/6 OG - 3035974

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accessories

PAI-4-FIX-5/6 YE - 3035977

PAI-4-FIX-5/6 RD - 3035976

PAI-4-FIX-5/6 GN - 3035978

PAI-4-FIX-5/6 BK - 3035980

PAI-4-FIX-5/6 GY - 3035982

PAI-4-FIX-5/6 VT - 3035979

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accessories

PAI-4-FIX-5/6 BN - 3035981

PS-5 - 3030983

PS-5/2,3MM RD - 3038723

Screwdriver tools

SZS 0,6X3,5 - 1205053

Marker pen

X-PEN 0,35 - 0811228

Warning label printed

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accessories

WS UT 2,5 - 3047923

Bridge

FBS 2-5 - 3030161

FBS 3-5 - 3030174

FBS 4-5 - 3030187

FBS 5-5 - 3030190

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accessories

FBS 10-5 - 3030213

FBS 20-5 - 3030226

FBS 50-5 - 3038930

Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733

NS 35/ 7,5 UNPERF 2000MM - 0801681

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accessories

NS 35/ 7,5 WH PERF 2000MM - 1204119

NS 35/ 7,5 WH UNPERF 2000MM - 1204122

NS 35/ 7,5 AL UNPERF 2000MM - 0801704

NS 35/ 7,5 ZN PERF 2000MM - 1206421

NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

NS 35/ 7,5 CU UNPERF 2000MM - 0801762

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accessories

NS 35/ 7,5 CAP - 1206560

NS 35/15 PERF 2000MM - 1201730

NS 35/15 UNPERF 2000MM - 1201714

NS 35/15 WH PERF 2000MM - 0806602

NS 35/15 WH UNPERF 2000MM - 1204135

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accessories

NS 35/15 AL UNPERF 2000MM - 1201756

NS 35/15 ZN PERF 2000MM - 1206599

NS 35/15 ZN UNPERF 2000MM - 1206586

NS 35/15 CU UNPERF 2000MM - 1201895

NS 35/15 CAP - 1206573

NS 35/15-2,3 UNPERF 2000MM - 1201798

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accessories

Terminal marking

ZB 5 :UNBEDRUCKT - 1050004

UC-TM 5 - 0818108

UCT-TM 5 - 0828734

Labeled terminal marker

ZB 5 CUS - 0824962

UC-TM 5 CUS - 0824581

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accessories

UCT-TM 5 CUS - 0829595

Insulating sleeve

MPS-IH WH - 0201663

MPS-IH RD - 0201676

MPS-IH BU - 0201689

MPS-IH YE - 0201692

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accessories

MPS-IH GN - 0201702

MPS-IH GY - 0201728

MPS-IH BK - 0201731

End block

CLIPFIX 35 - 3022218

CLIPFIX 35-5 - 3022276

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accessories

E/NS 35 N - 0800886

Drawings

Circuit diagram