

Feed-through terminal block - UTTB 2,5-PE - 3044665

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

Product Features

- ✓ Since there are two function shafts per level, all potential distribution tasks can be implemented quickly
- ✓ Tested for railway applications
- ✓ As an option, the levels can be connected using the FBS-PV UT vertical bridge
- ✓ For a clear overview, each terminal point supports large-surface labeling
- ✓ For example, two separate potentials can be routed side by side with the help of bridging between non-adjacent terminal blocks



Key commercial data

package_quantity	50
GTIN	4017918997038

Technical data

General

Number of levels	2
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

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Technical data

General

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
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	0.02 g^2/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
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))	120 °C

Dimensions

Width	5.2 mm
Length	69.9 mm
Height NS 35/7,5	65 mm
Height NS 35/15	72.5 mm

Connection data

Conductor cross section solid min.	0.14 mm^2
Conductor cross section solid max.	4 mm^2
Conductor cross section stranded min.	0.14 mm^2
Conductor cross section stranded max.	4 mm^2
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm^2
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm^2
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm^2
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm^2
2 conductors with same cross section, solid min.	0.14 mm^2
2 conductors with same cross section, solid max.	1.5 mm^2
2 conductors with same cross section, stranded min.	0.14 mm^2
2 conductors with same cross section, stranded max.	1.5 mm^2

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Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
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	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

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

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approvals

Approval details

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

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

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN			
Nominal current IN			
mm²/AWG/kcmil	26-12	26-12	26-12

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN			
Nominal current IN			
mm²/AWG/kcmil	26-12	26-12	26-12

GL

RS

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approvals



cULus Recognized  US

accessories

End cover

D-UTTB 2,5/4 - 3047293



DP PS-5 - 3036725



Partition plate

DP-UTTB 2,5/4 - 3047303



Partition plate

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accessories

ATP-UTTB 2,5/4 - 3047316



Screwdriver tools

SZS 0,6X3,5 - 1205053



Marker pen

X-PEN 0,35 - 0811228



Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



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accessories

FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



Mounting rail

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accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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accessories

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



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



NS 35/ 7,5 CAP - 1206560



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



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accessories

UCT-TM 5 - 0828734



Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



Test plug terminal block

MPS-MT - 0201744



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accessories

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



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



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



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accessories

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



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



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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Insulating sleeve

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accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



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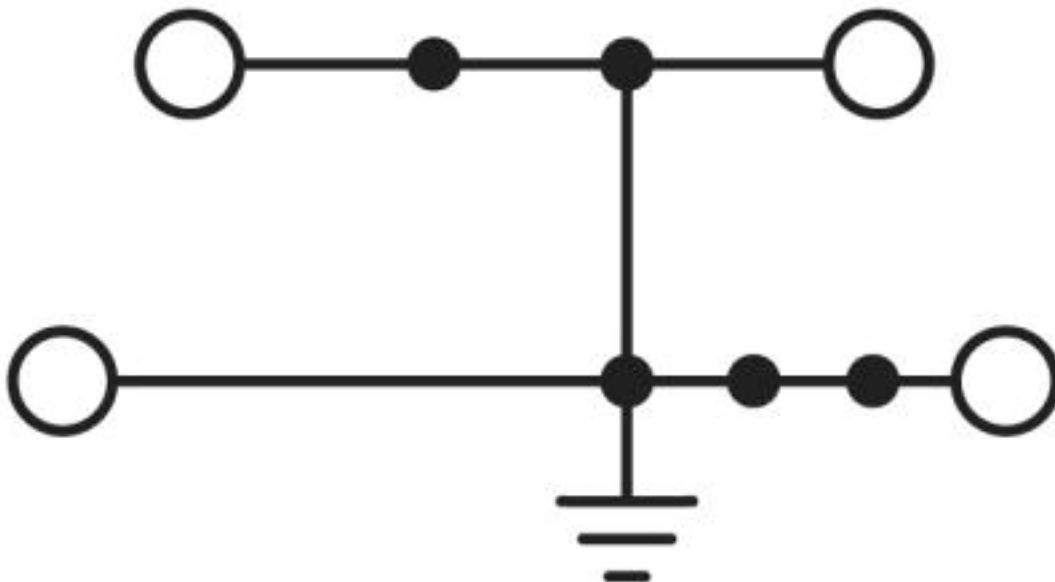
accessories

MPS-IH BK - 0201731



Drawings

Circuit diagram



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