

# Universal ground terminal block - UT 4-PE - 3044128

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Universal ground terminal block, Connection method: Screw connection, Cross section: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 26 - 10, Width: 6.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- Tested for railway applications



## Key commercial data

package_quantity	50
GTIN	4017918960407

## Technical data

### General

Number of levels	1
Number of connections	2
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	8 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
Test frequency	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz

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## Technical data

### General

<b>ASD level</b>	0.02 g <sup>2</sup> /Hz
<b>Acceleration</b>	0.8 g
<b>Test duration per axis</b>	5 h
<b>Test directions</b>	X-, Y- and Z-axis
<b>Oscillation, broadband noise test result</b>	Test passed
<b>Test specification, shock test</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Shock form</b>	Half-sine
<b>Acceleration</b>	5 g
<b>Shock duration</b>	30 ms
<b>Number of shocks per direction</b>	3
<b>Test directions</b>	X-, Y- and Z-axis (pos. and neg.)
<b>Shock test result</b>	Test passed
<b>Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))</b>	120 °C

### Dimensions

<b>Width</b>	6.2 mm
<b>Length</b>	47.7 mm
<b>Height NS 35/7,5</b>	47.5 mm
<b>Height NS 35/15</b>	55 mm

### Connection data

<b>Note</b>	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
<b>Conductor cross section solid min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	6 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max.</b>	10
<b>Conductor cross section stranded min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	6 mm <sup>2</sup>
<b>Min. AWG conductor cross section, stranded</b>	26
<b>Max. AWG conductor cross section, stranded</b>	10
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	4 mm <sup>2</sup>
<b>2 conductors with same cross section, solid min.</b>	0.14 mm <sup>2</sup>
<b>2 conductors with same cross section, solid max.</b>	1.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded min.</b>	0.14 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded max.</b>	1.5 mm <sup>2</sup>

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## Technical data

### Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 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 / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / GL / DNV / RS / IECCE  
CB Scheme / GOST / GOST / cULus Recognized /

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## approvals

### Approval details

<b>IECEX</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.14-4

<b>ATEX</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.14-6

<b>CSA</b>		
<b>Usegroups</b>	<b>B</b>	<b>C</b>
Nominal voltage UN		
Nominal current IN		
mm <sup>2</sup> /AWG/kcmil	26-10	26-10

<b>UL Recognized</b>			
<b>Usegroups</b>	<b>B</b>	<b>C</b>	<b>D</b>
Nominal voltage UN			
Nominal current IN			
mm <sup>2</sup> /AWG/kcmil	26-10	26-10	26-10

<b>VDE Gutachten mit Fertigungsüberwachung</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

<b>cUL Recognized</b>	
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## approvals

Usegroups	B	C	D
Nominal voltage UN			
Nominal current IN			
mm <sup>2</sup> /AWG/kcmil	26-10	26-10	26-10

LR

GL

DNV

RS

IECEE CB Scheme

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

GOST

cULus Recognized

## accessories

### End cover

D-UT 2,5/10 - 3047028



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## accessories

DP PS-6 - 3036738



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## Partition plate

ATP-UT - 3047167



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## Screwdriver tools

SZS 0,6X3,5 - 1205053



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## Marker pen

X-PEN 0,35 - 0811228



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## Warning label printed

WS UT 4 - 3047332



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accessories

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## Bridge

FBS 2-6 - 3030336



FBS 3-6 - 3030242



FBS 4-6 - 3030255



FBS 5-6 - 3030349



FBS 10-6 - 3030271



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accessories

FBS 20-6 - 3030365



FBS 50-6 - 3032224



## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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





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### accessories

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



NS 35/ 7,5 CAP - 1206560



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accessories

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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



NS 35/15 AL UNPERF 2000MM - 1201756



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## accessories

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



## Terminal marking

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accessories

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



## Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



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accessories

UCT-TM 6 CUS - 0829602



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## Test plug terminal block

MPS-MT - 0201744



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



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



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



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## accessories

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



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



# Universal ground terminal block - UT 4-PE - 3044128

accessories

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PS-6 - 3030996



PS-6/2,3MM RD - 3038736



## Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



# Universal ground terminal block - UT 4-PE - 3044128

## accessories

MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



## End block

CLIPFIX 35 - 3022218





# Universal ground terminal block - UT 4-PE - 3044128

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Drawings

Circuit diagram

