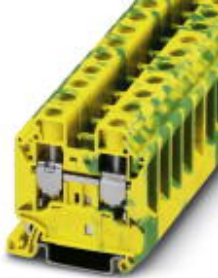


Ground modular terminal block - UT 16-PE - 3044212

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Ground modular terminal block, Connection method: Screw connection, Cross section: 1.5 mm² - 25 mm², AWG: 16 - 4, Width: 12.2 mm, Height: 54.4 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	4017918977573

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

Maximum load current	101 A (with 25 mm ² conductor cross section)
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
Nominal current I _N	76 A (with 25 mm ² conductor cross section)
Open side panel	ja
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03

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Technical data

General

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	12.2 mm
Length	55.5 mm
Height	54.4 mm
Height NS 35/7,5	55 mm
Height NS 35/15	62.5 mm

Connection data

Connection in acc. with standard	IEC 60947-7-2
Connection method	Screw connection
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	1.5 mm ²
Conductor cross section stranded max.	25 mm ²
Min. AWG conductor cross section, stranded	16
Max. AWG conductor cross section, stranded	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1 mm ²

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Technical data

Connection data

Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	1 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
Stripping length	14 mm
Internal cylindrical gage	A7
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 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

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approvals

IECEX / ATEX / CSA / UL Recognized / VDE Zeichengenehmigung / cUL Recognized / GL / RS / IEC EE CB Scheme / GOST / GOST / cULus Recognized /

Approval details

IECEX	
Nominal voltage UN	
Nominal current IN	
mm ² /AWG/kcmil	1.5-16

ATEX	
Nominal voltage UN	
Nominal current IN	
mm ² /AWG/kcmil	1.5-16

CSA		
Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm ² /AWG/kcmil	16-4	16-4

UL Recognized		
Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm ² /AWG/kcmil	16-4	16-4

VDE Zeichengenehmigung	
Nominal voltage UN	
Nominal current IN	76 A
mm ² /AWG/kcmil	1.5-16

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approvals

cUL Recognized	
Nominal voltage UN	
Nominal current IN	
mm ² /AWG/kcmil	16-4

GL

RS

IECEE CB Scheme	
Nominal voltage UN	
Nominal current IN	76 A
mm ² /AWG/kcmil	1.5-16

GOST

cULus Recognized

accessories

End cover

D-UT 16 - 3047206



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accessories

Partition plate

TPNS-UK - 0706647



Marker pen

X-PEN 0,35 - 0811228



Warning label printed

WS UT 16 - 3047374

Bridge

FBS 2-12 - 3005950



RB UT 16-(2,5/4) - 3047073



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accessories

RB UT 16-ST(2,5/4) - 3047099



Mounting rail

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



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accessories

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



NS 35/15 PERF 2000MM - 1201730



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accessories

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



NS 35/15 ZN PERF 2000MM - 1206599



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accessories

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

ZB 12:UNPRINTED - 0812120



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accessories

UC-TM 12 - 0819194



UCT-TM 12 - 0829144



Labeled terminal marker

ZB 12 CUS - 0824942



ZB 12,LGS:L1-N,PE - 0812146



UC-TM 12 CUS - 0824613



Ground modular terminal block - UT 16-PE - 3044212

accessories

UCT-TM 12 CUS - 0829630



Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



Drawings

Circuit diagram

