

Ground modular terminal block - ST 10-TWIN-PE - 3035302

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Ground modular terminal block, Connection method: Spring-cage connection, Cross section: 0.2 mm² - 16 mm², AWG: 24 - 6, Width: 10.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

Product Features

- Additional labeling options
- Tested for railway applications
- Low contact resistance
- Corrosion-free terminal points
- Green-yellow housing

Key commercial data

package_quantity	25
GTIN	4046356100885

Technical data

General

Number of levels	1
Number of connections	3
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

General

Maximum load current	65 A (with 16 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	57 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Open side panel	ja

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Technical data

General

Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 2, bogie mounted
ASD level	6.12 (m/s ²)/Hz
Acceleration	3.12 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	30 g
Shock duration	18 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

Dimensions

Width	10.2 mm
Length	97 mm
Height NS 35/7,5	50.3 mm
Height NS 35/15	57.8 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	10 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Connection method	Spring-cage connection
Stripping length	15 mm
Internal cylindrical gage	A6

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

UL Recognized / VDE Zeichengenehmigung / GOST /

Approval details

UL Recognized 		
Usegroups	B	C
Nominal voltage UN		

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approvals

Usegroups	B	C
Nominal current I _N		
mm ² /AWG/kcmil	16-6	16-6

VDE Zeichengenehmigung	
Nominal voltage U _N	
Nominal current I _N	57 A
mm ² /AWG/kcmil	1.5-10

GOST

accessories

End cover

D-ST 10-TWIN - 3035315



Screwdriver tools

SZF 3-1,0X5,5 - 1206612



Marker pen

X-PEN 0,35 - 0811228



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accessories

Labeled terminal marker

WST 10/35 - 3030006



ZB 10 CUS - 0824941



UC-TM 10 CUS - 0824605



UCT-TM 10 CUS - 0829623



Documentation

ST-IL - 3039900



Bridge

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accessories

FBS 2-10 - 3005947



RB ST 10-(2,5/4) - 3030873



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

Terminal marking

ZB 10:UNBEDRUCKT - 1053001



UC-TM 10 - 0818069



UCT-TM 10 - 0829142



Test plug terminal block

MPS-MT - 0201744



Insulating sleeve

MPS-IH WH - 0201663



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accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731

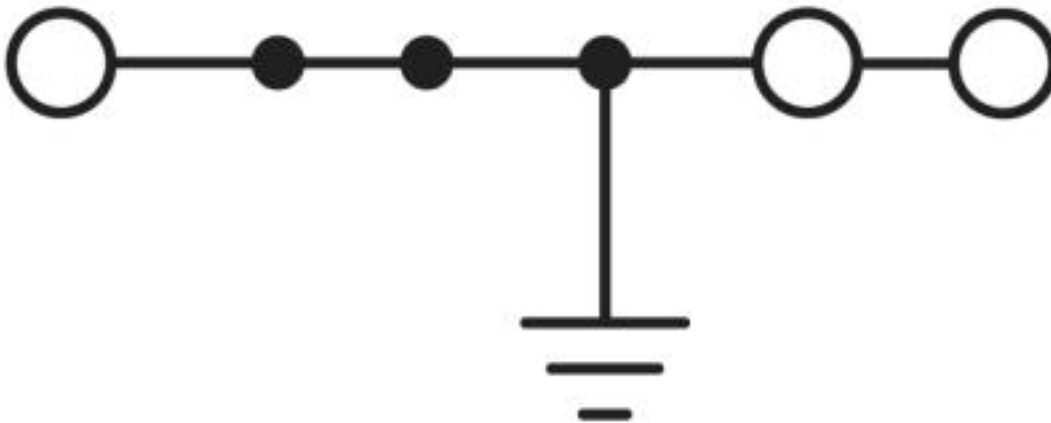


Ground modular terminal block - ST 10-TWIN-PE - 3035302

accessories

Drawings

Circuit diagram



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