

Protective conductor double-level terminal block - STTB 2,5/2P-PE - 3040067

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Protective conductor double-level terminal block, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Connection type: Spring-cage/plug-in connection, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/15, NS 35/7,5

Product Features

- ✓ Tested for railway applications
- ✓ Potential routing on two levels
- ✓ These mixed versions combine the advantages of double-level feed-through terminal blocks and ground terminal blocks of the same shape
- ✓ The PE/L and PE/N types feature ground conductor contact with the DIN rail in the lower level, while the upper level is designed as a feed-through level

Key commercial data

package_quantity	50
GTIN	4017918832667

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

General

Maximum load current	32 A (with 4 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I _N	22 A

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Technical data

General

Nominal voltage U_N	500 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	71.5 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm
End cover width	2.2 mm

Connection data

Connection method	Spring-cage/plug-in connection
Stripping length	10 mm
Internal cylindrical gage	A3
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Value	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Value	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Value	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Value	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Value	0.5 mm ²

classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118

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classifications

eCl@ss

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

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / RS / IECCE CB Scheme / GOST / cULus Recognized /

Approval details

CSA 	
Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	28-12

UL Recognized 	
Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	28-12

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approvals

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	

cUL Recognized 	
Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	28-12

GOST 	
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LR

GL

BV

DNV

RS

IECEE CB Scheme 	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	

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approvals



cULus Recognized  US

accessories

End cover

D-STTB 2,5/ 2P - 3040096



DP PS-5 - 3036725



Partition plate

ATP-STTB 4 - 3030747



Coding element

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accessories

PC - 3040588



Labeled terminal marker

WST 2,5 - 3030941



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



Screwdriver tools

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accessories

SZF 1-0,6X3,5 - 1204517



Flange

STTB 2,5/2P-F - 3061169



STTB 2,5/2P-FS - 3061428



Documentation

ST-IL - 3039900



Bridge

FBS 2-5 - 3030161



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accessories

FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



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accessories

FBS 50-5 - 3038930



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



Terminal marking

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accessories

ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Insulating sleeve

ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



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accessories

ISH 2,5/1,0 - 3002869



Test plug terminal block

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



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accessories

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



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accessories

PS-5 - 3030983

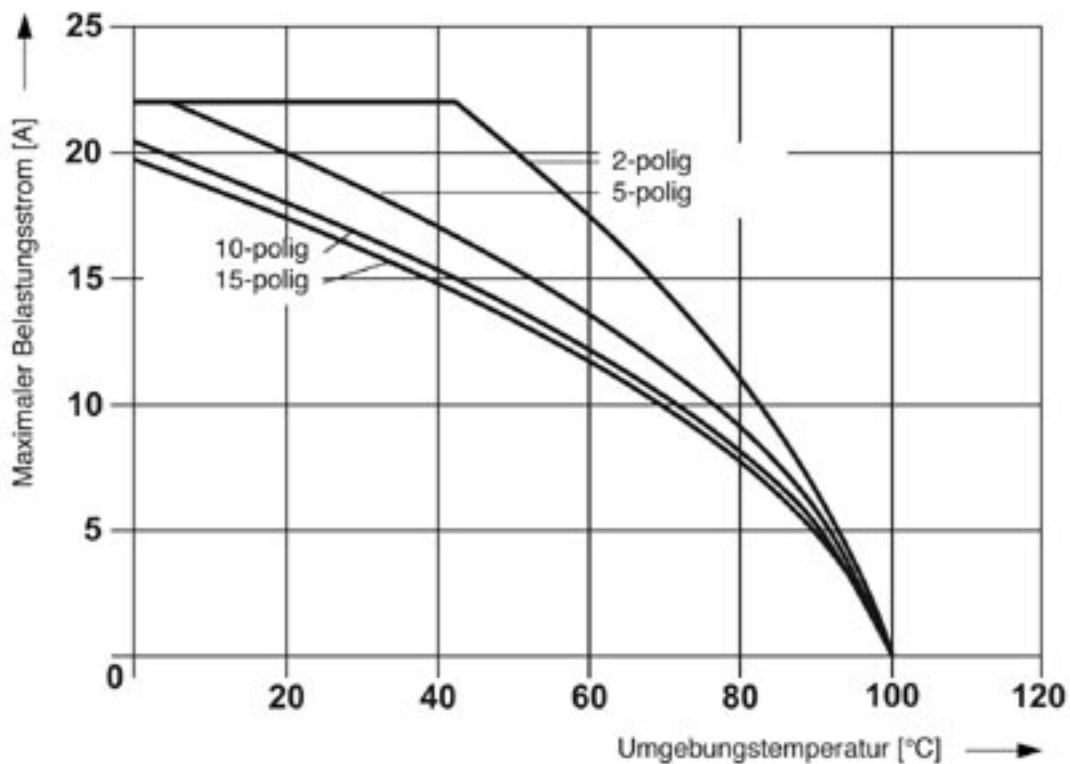


PS-5/2,3MM RD - 3038723



Drawings

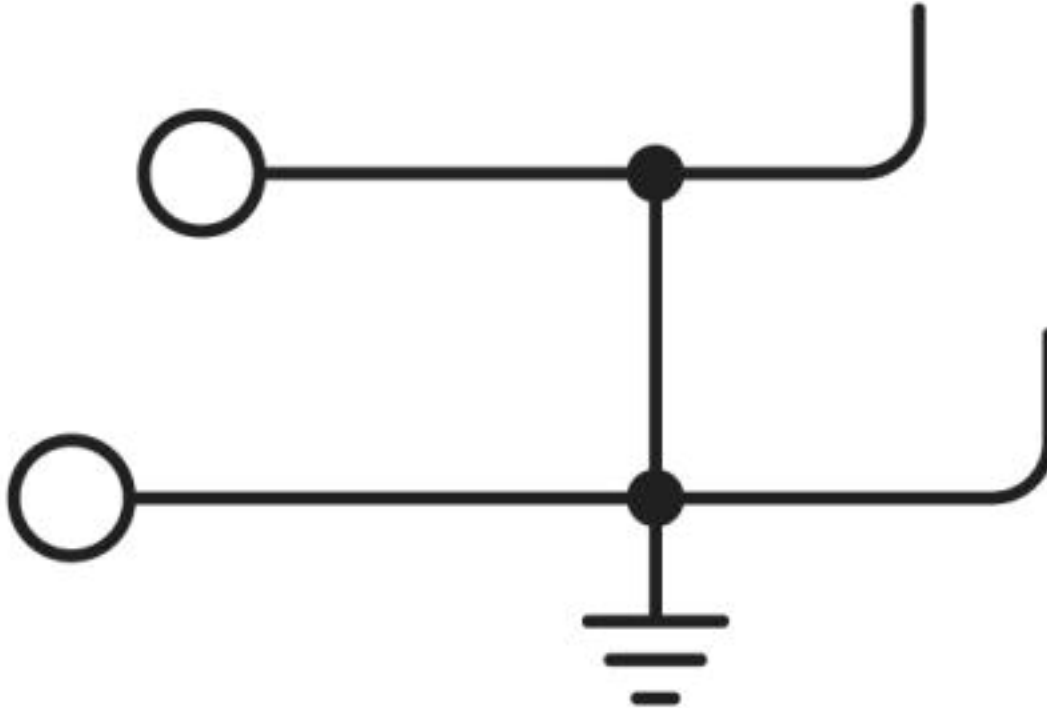
Diagram



Applies to all male connector variants SP...

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Circuit diagram



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