

# 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 mm<sup>2</sup> - 4 mm<sup>2</sup>, 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

<b>package_quantity</b>	50
<b>GTIN</b>	4017918832667

## Technical data

### General

<b>Number of levels</b>	2
<b>Number of connections</b>	4
<b>Color</b>	green-yellow
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V0
<b>Area of application</b>	Railway industry
<b>Area of application</b>	Mechanical engineering
<b>Area of application</b>	Plant engineering

### General

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

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

## 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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Value	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Value	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Value	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Value	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Value	0.5 mm <sup>2</sup>

## classifications

### eCl@ss

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

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

## 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

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

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

approvals

<b>VDE Gutachten mit Fertigungsüberwachung</b>	
Nominal voltage UN	500 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	

<b>cUL Recognized</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

<b>GOST</b>
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<b>LR</b>
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<b>GL</b>
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<b>BV</b>
-----------

<b>DNV</b>
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<b>RS</b>
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<b>IECEE CB Scheme</b>	
Nominal voltage UN	500 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	

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

approvals



accessories

**End cover**

D-STTB 2,5/ 2P - 3040096



DP PS-5 - 3036725



**Partition plate**

ATP-STTB 4 - 3030747



**Coding element**

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

accessories

PC - 3040588



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## Labeled terminal marker

WST 2,5 - 3030941



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ZBF 5 CUS - 0825025



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ZBF 5,LGS:FORTL.ZAHLEN - 0808671



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ZBF 5,QR:FORTL.ZAHLEN - 0808697



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

## accessories

ZBF 5,LGS:GERADE ZAHLEN - 0810821



ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



## Flange

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

## accessories

STTB 2,5/2P-F - 3061169



STTB 2,5/2P-FS - 3061428



## Documentation

ST-IL - 3039900



## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174





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

## accessories

FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



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

### accessories

FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



FBSR 4-5 - 3001592



FBSR 5-5 - 3001593



FBSR 10-5 - 3033710



### Mounting rail

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

### 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



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## accessories

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

ZBF 5:UNBEDRUCKT - 0808642



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

### accessories

UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Insulating sleeve

ISH 2,5/0,2 - 3002843



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ISH 2,5/0,5 - 3002856



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ISH 2,5/1,0 - 3002869



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### Test plug terminal block

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

## 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



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

### accessories

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



PS-5 - 3030983



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

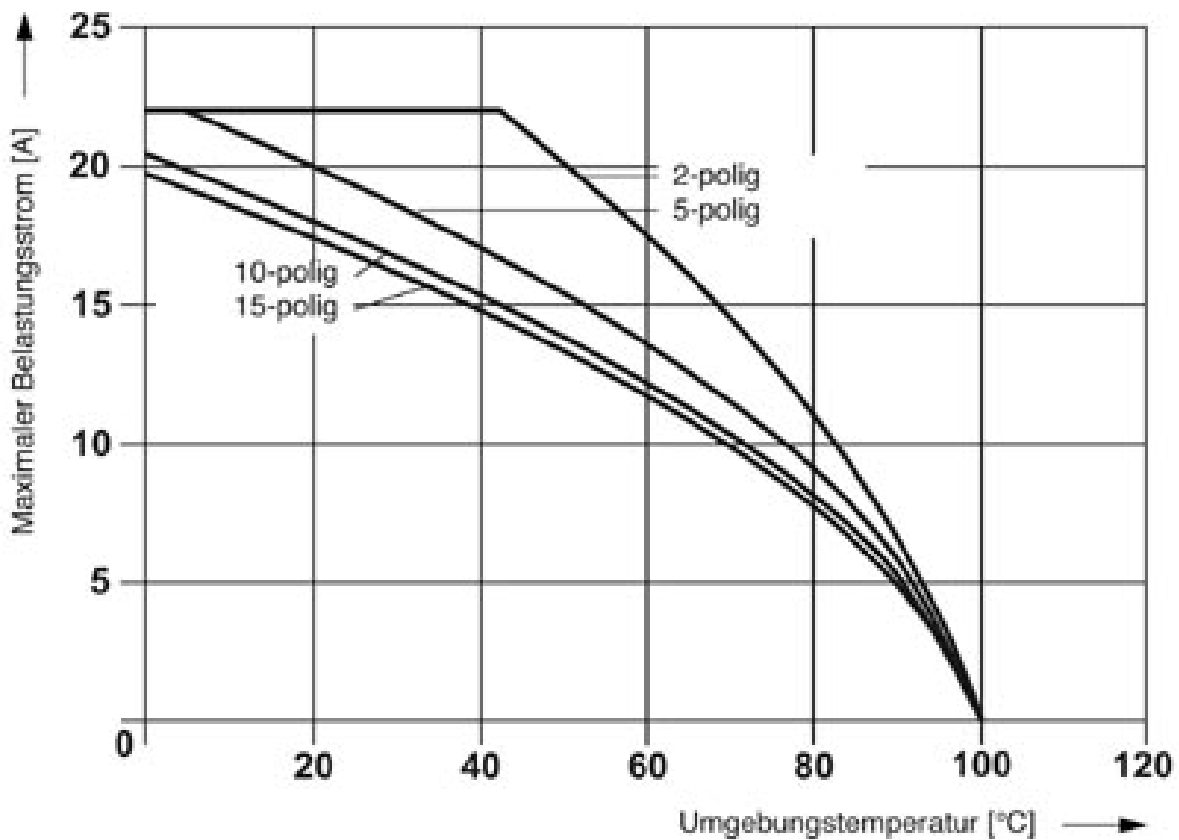
accessories

PS-5/2,3MM RD - 3038723



## Drawings

Diagram

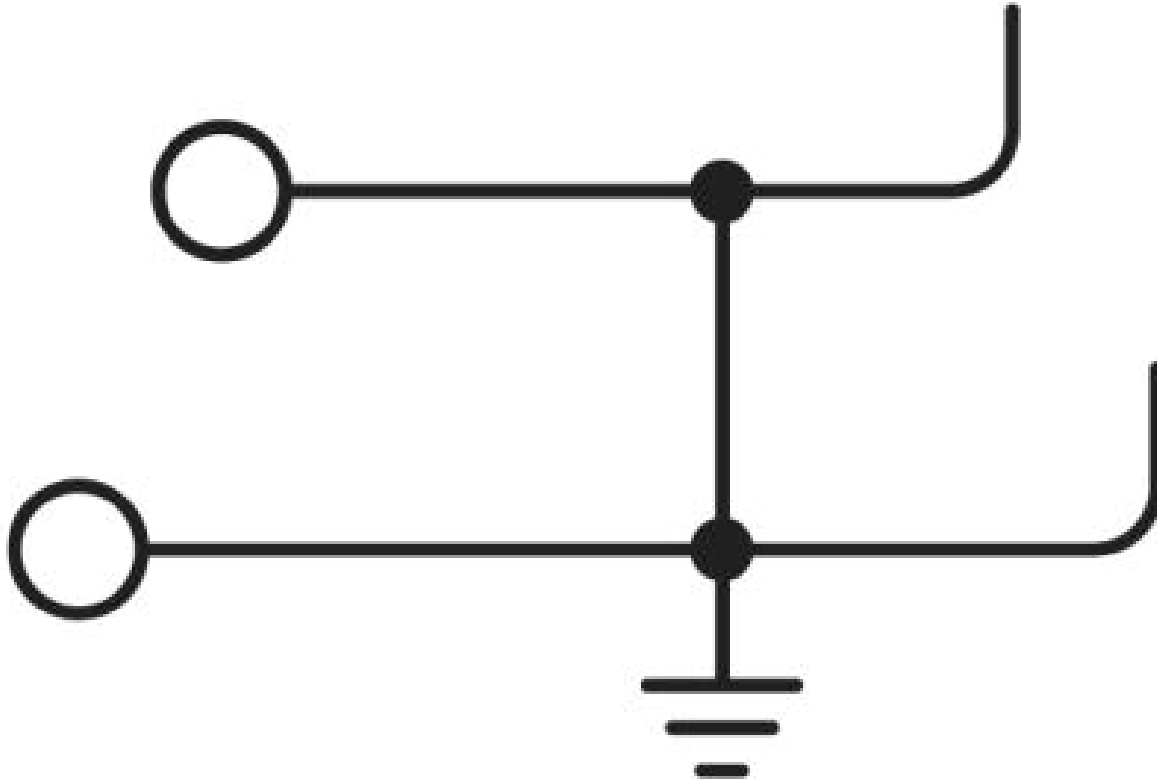


Applies to all male connector variants SP...



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

Circuit diagram



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