

## Double-level terminal block - STTB 2,5/2P - 3040054

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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: gray, Mounting type: NS 35/15, NS 35/7,5

### Product Features

- Tested for railway applications
- Potential routing on two levels

### Key commercial data

package_quantity	50
GTIN	4017918832650

### Technical data

#### General

Number of levels	2
Number of connections	4
Color	gray
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

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 <sub>N</sub>	22 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	ja

#### Dimensions

Width	5.2 mm
Length	71.5 mm

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### Technical data

#### Dimensions

Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

#### Connection data

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>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	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>
Connection method	Spring-cage/plug-in connection
Stripping length	10 mm
Internal cylindrical gage	A3

### classifications

#### eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

#### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

#### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410

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## classifications

### UNSPSC

<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

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

### Approval details

<b>CSA</b>			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm <sup>2</sup> /AWG/kcmil	24-12	24-12	24-12

<b>UL Recognized</b>			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	28-12

<b>VDE Gutachten mit Fertigungsüberwachung</b>	
Nominal voltage UN	500 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

<b>cUL Recognized</b>			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	28-12

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approvals

GOST

LR

GL

BV

DNV

RS

IECEE CB Scheme

Nominal voltage UN	500 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

cULus Recognized

accessories

**End cover**

D-STTB 2,5/ 2P - 3040096



## Double-level terminal block - STTB 2,5/2P - 3040054

### accessories

DP PS-5 - 3036725



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### Partition plate

ATP-STTB 4 - 3030747



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### Coding element

PC - 3040588



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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### Flange

STTB 2,5/2P-F - 3061169



## Double-level terminal block - STTB 2,5/2P - 3040054

accessories

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STTB 2,5/2P-FS - 3061428



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### Documentation

ST-IL - 3039900



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### Bridge

FBS 2-5 - 3030161



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FBS 3-5 - 3030174



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FBS 4-5 - 3030187



## Double-level terminal block - STTB 2,5/2P - 3040054

### accessories

FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



FBS 2-5 BU - 3036877



FBS 3-5 BU - 3036880



## Double-level terminal block - STTB 2,5/2P - 3040054

accessories

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FBS 4-5 BU - 3036893



FBS 5-5 BU - 3036903



FBS 10-5 BU - 3036916



FBS 20-5 BU - 3036929



FBS 50-5 BU - 3032114





## Double-level terminal block - STTB 2,5/2P - 3040054

### accessories

FBS 2-5 GY - 3038969



FBS 3-5 GY - 3038972



FBS 4-5 GY - 3038985



FBS 5-5 GY - 3038998



FBS 10-5 GY - 3039007



FBS 20-5 GY - 3038671



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accessories

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FBS 50-5 GY - 3032127



### 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



## Double-level terminal block - STTB 2,5/2P - 3040054

accessories

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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



## Double-level terminal block - STTB 2,5/2P - 3040054

### 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

ZBF 5:UNBEDRUCKT - 0808642



## Double-level terminal block - STTB 2,5/2P - 3040054

### accessories

UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



### Labeled terminal marker

ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



### Insulating sleeve

## Double-level terminal block - STTB 2,5/2P - 3040054

### accessories

ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



### Test plug terminal block

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



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



## Double-level terminal block - STTB 2,5/2P - 3040054

### accessories

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



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





## Double-level terminal block - STTB 2,5/2P - 3040054

### accessories

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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



# Double-level terminal block - STTB 2,5/2P - 3040054

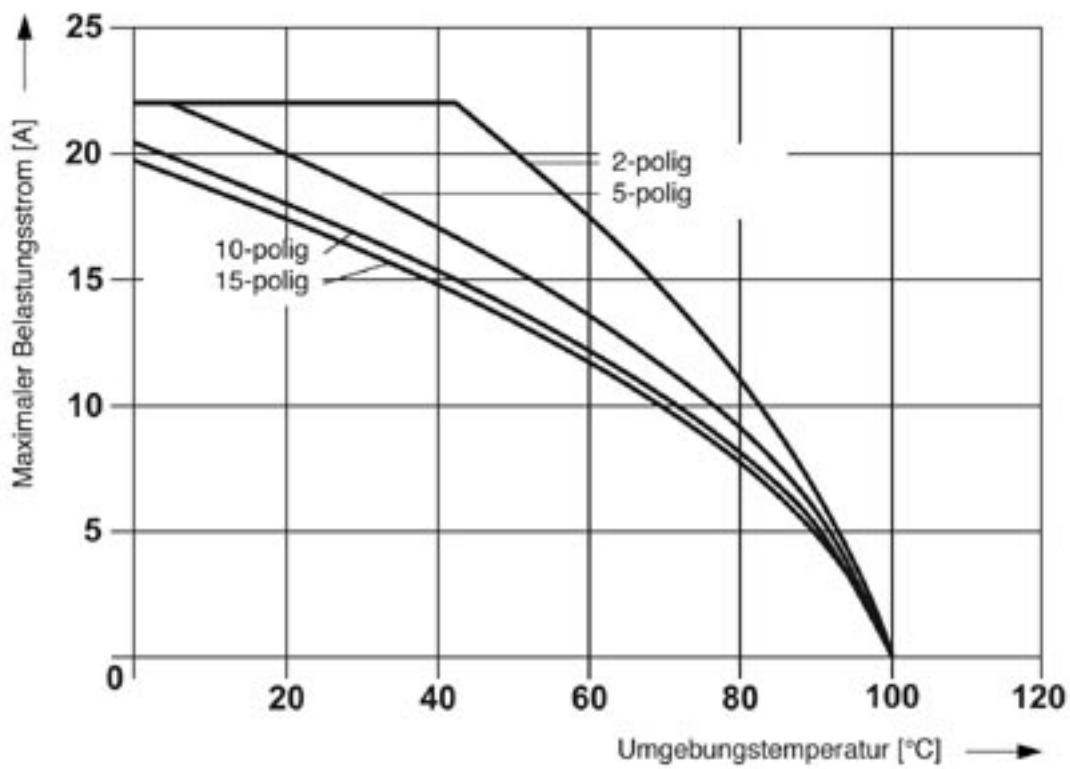
accessories

E/NS 35 N - 0800886



## Drawings

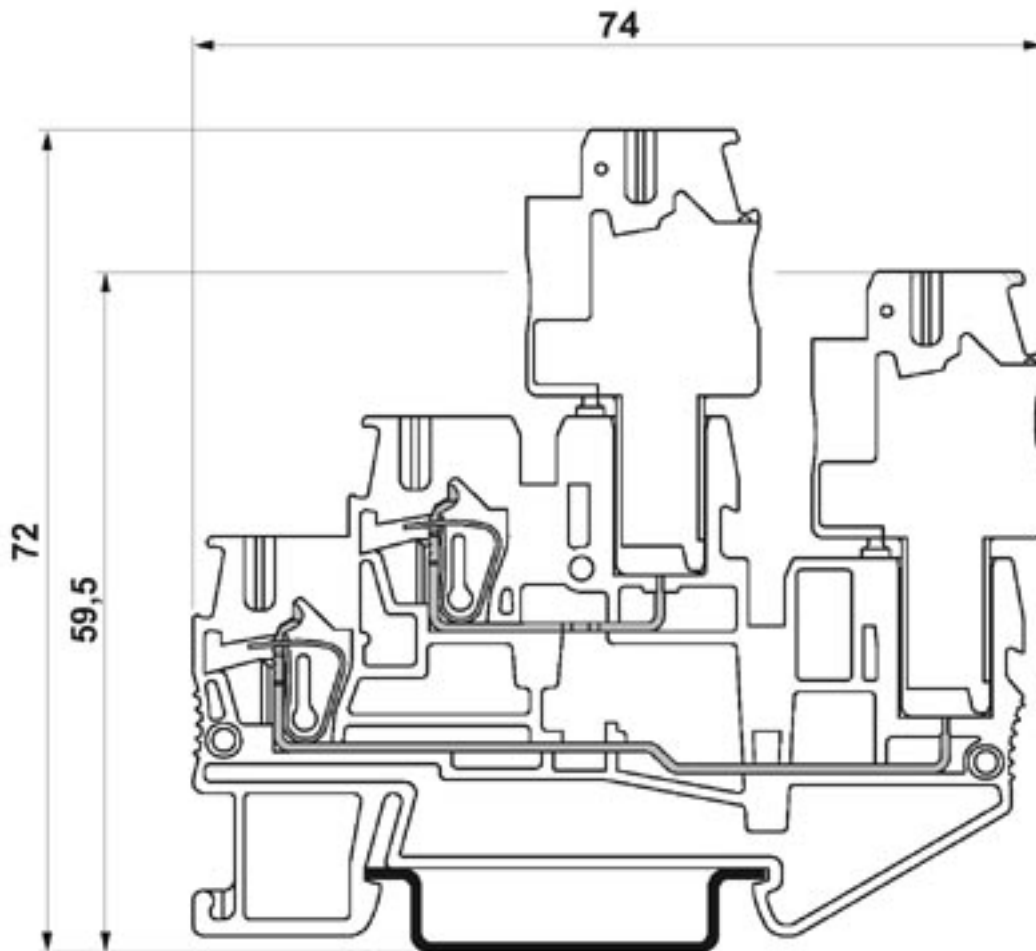
Diagram



Applies to all male connector variants SP...

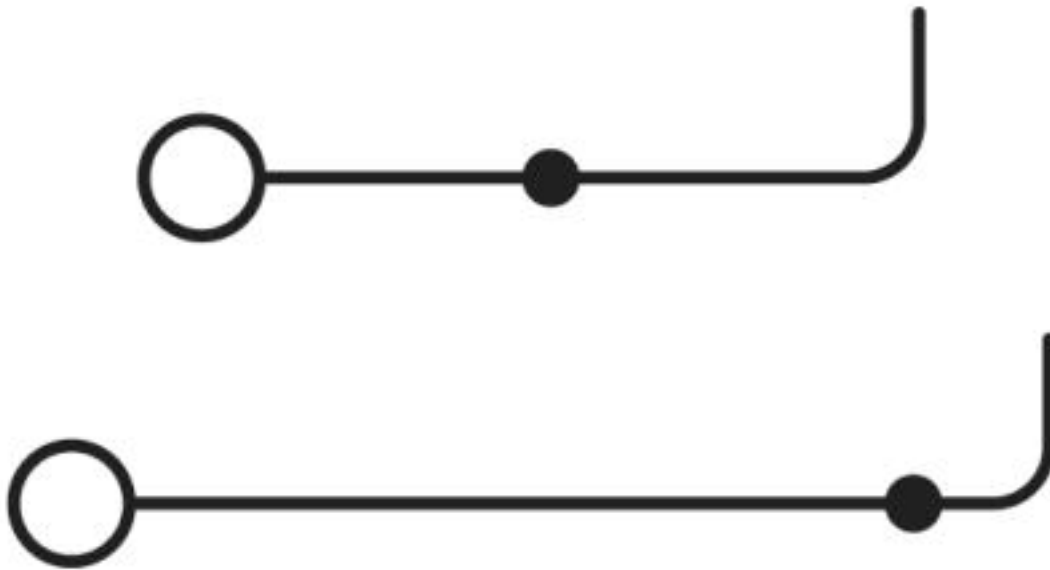
## Double-level terminal block - STTB 2,5/2P - 3040054

Dimensioned drawing



## Double-level terminal block - STTB 2,5/2P - 3040054

Circuit diagram



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