

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

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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: 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_N | 22 A |
| Nominal voltage U_N | 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

| | |
|---|--------------------------------|
| Connection method | Spring-cage/plug-in connection |
| 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 |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| 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

| | |
|---------------------|----------|
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 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

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

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

| | |
|--|-------|
| VDE Gutachten mit Fertigungsüberwachung | |
| Nominal voltage UN | 500 V |
| Nominal current IN | |
| mm ² /AWG/kcmil | 0.2-4 |

| cUL Recognized | | | |
|----------------------------|-------|-------|-------|
| Usegroups | B | C | D |
| Nominal voltage UN | 300 V | 300 V | 600 V |
| Nominal current IN | 20 A | 20 A | 5 A |
| mm ² /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 ² /AWG/kcmil | 0.2-4 |

cULus Recognized

accessories

End cover

D-STTB 2,5/ 2P - 3040096



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accessories

DP PS-5 - 3036725



Partition plate

ATP-STTB 4 - 3030747



Coding element

PC - 3040588



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Flange

STTB 2,5/2P-F - 3061169



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accessories

STTB 2,5/2P-FS - 3061428



Documentation

ST-IL - 3039900



Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



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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



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accessories

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



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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

FBS 50-5 GY - 3032127



FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



FBSR 4-5 - 3001592



FBSR 5-5 - 3001593



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accessories

FBSR 10-5 - 3033710



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

ZBF 5:UNBEDRUCKT - 0808642



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accessories

UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Labeled terminal marker

ZBF 5 CUS - 0825025



ZBF 5,LGS:FORTL.ZAHLEN - 0808671



ZBF 5,QR:FORTL.ZAHLEN - 0808697



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accessories

ZBF 5,LGS:GERADE ZAHLEN - 0810821



ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



Insulating sleeve

ISH 2,5/0,2 - 3002843



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accessories

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



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



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accessories

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



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



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accessories

PS-5 - 3030983



PS-5/2,3MM RD - 3038723



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



Front adapter

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accessories

VIP-PA-PWR/2X10COMBI/ 0,5M/S7 - 2904713



VIP-PA-PWR/2X10COMBI/ 1,0M/S7 - 2904714



VIP-PA-PWR/2X10COMBI/ 1,5M/S7 - 2904715



VIP-PA-PWR/2X10COMBI/ 2,0M/S7 - 2904716



VIP-PA-PWR/2X10COMBI/ 2,5M/S7 - 2904717



VIP-PA-PWR/2X10COMBI/ 3,0M/S7 - 2904718



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accessories

VIP-PA-PWR/2X10COMBI/10,0M/S7 - 2904723



VIP-PA-PWR/4X10COMBI/ 0,5M/S7 - 2904702



VIP-PA-PWR/4X10COMBI/ 1,0M/S7 - 2904703



VIP-PA-PWR/4X10COMBI/ 1,5M/S7 - 2904704



VIP-PA-PWR/4X10COMBI/ 2,0M/S7 - 2904705



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accessories

VIP-PA-PWR/4X10COMBI/ 2,5M/S7 - 2904706



VIP-PA-PWR/4X10COMBI/ 3,0M/S7 - 2904707



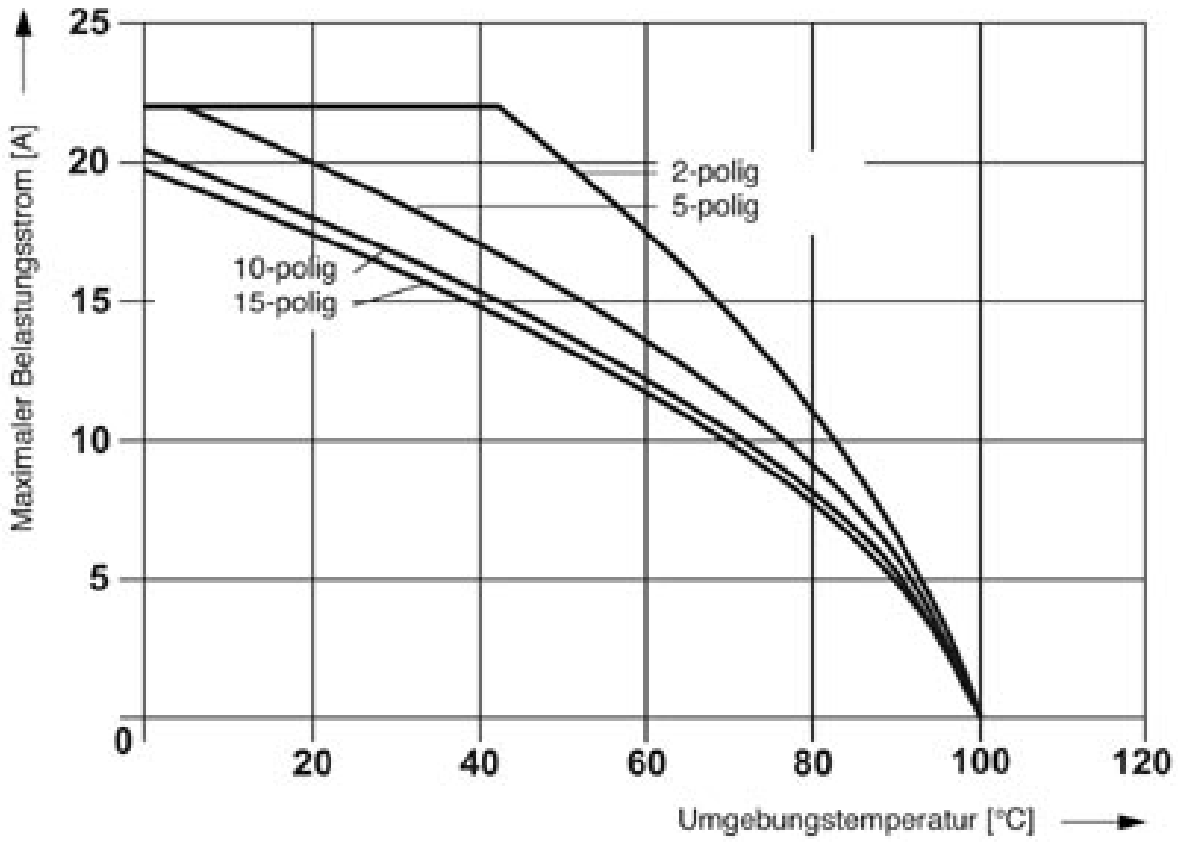
VIP-PA-PWR/4X10COMBI/10,0M/S7 - 2904712



Drawings

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

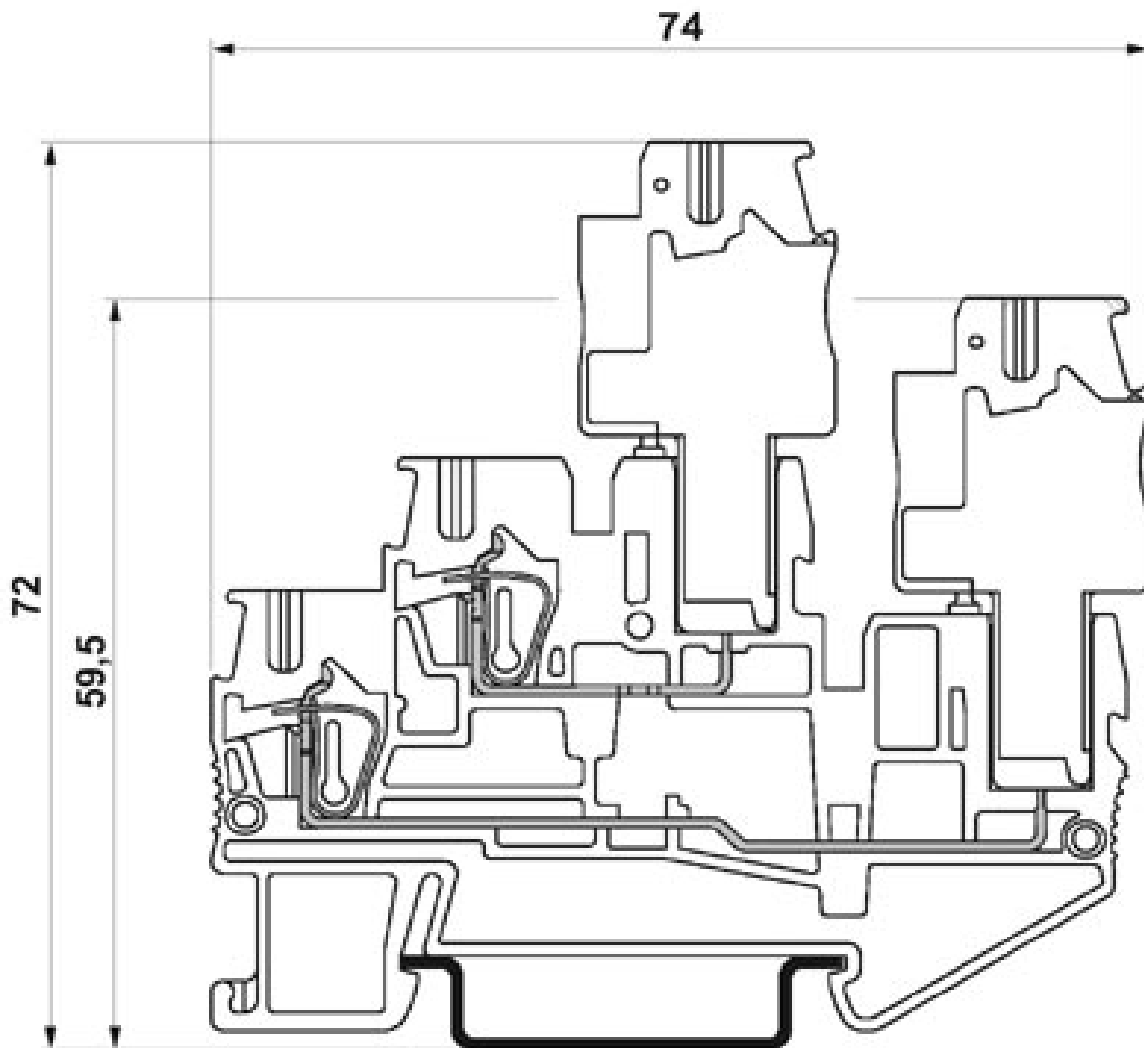
Diagram



Applies to all male connector variants SP...

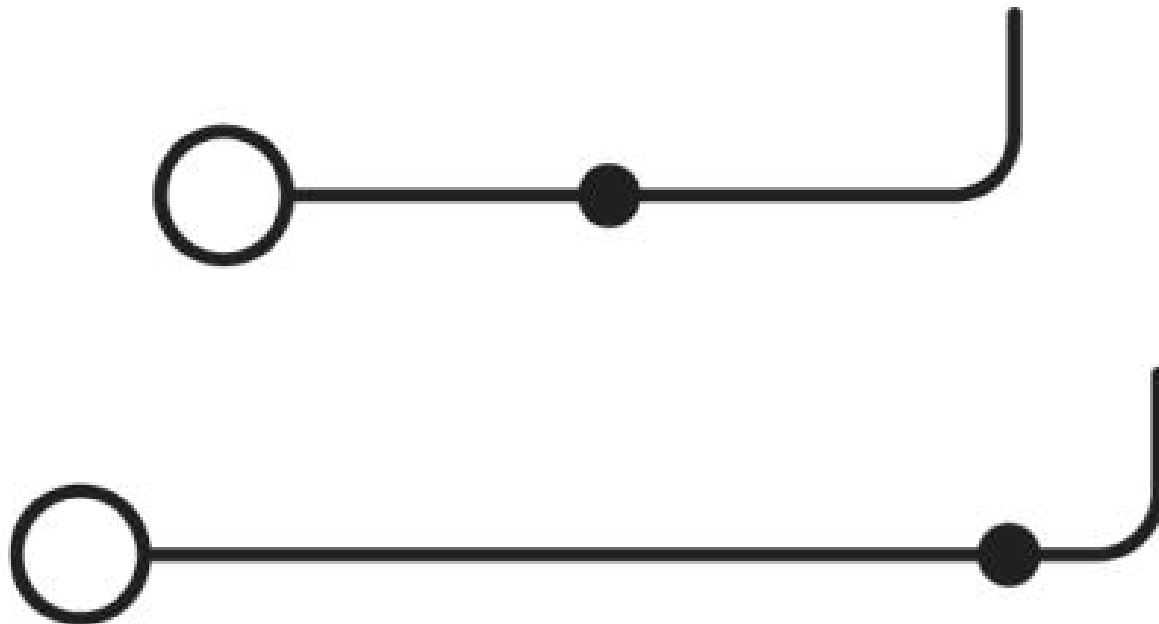
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Dimensioned drawing



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

Circuit diagram



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