

# Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

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Feed-through terminal block, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Connection type: Spring-cage connection, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- Compact design for maximum space savings
- Tested for railway applications
- Connect the levels using FBS ...-PV bridges

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918911768

## Technical data

### General

<b>Number of levels</b>	2
<b>Number of connections</b>	6
<b>Color</b>	gray
<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>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 60947-7-1
<b>Nominal current I<sub>N</sub></b>	22 A
<b>Nominal voltage U<sub>N</sub></b>	500 V
<b>Open side panel</b>	ja

### Dimensions

<b>Width</b>	5.2 mm
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# Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

## Technical data

### Dimensions

<b>Length</b>	91.5 mm
<b>Height NS 35/7,5</b>	47.5 mm
<b>Height NS 35/15</b>	55 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.08 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section stranded min.</b>	0.08 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	28
<b>Conductor cross section AWG/kcmil max</b>	12
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	0.5 mm <sup>2</sup>
<b>Connection method</b>	Spring-cage connection
<b>Stripping length</b>	10 mm

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141121
<b>eCl@ss 4.1</b>	27141121
<b>eCl@ss 5.0</b>	27141120
<b>eCl@ss 5.1</b>	27141120
<b>eCl@ss 6.0</b>	27141120
<b>eCl@ss 7.0</b>	27141120
<b>eCl@ss 8.0</b>	27141120

### ETIM

<b>ETIM 2.0</b>	EC000897
<b>ETIM 3.0</b>	EC000897
<b>ETIM 4.0</b>	EC000897
<b>ETIM 5.0</b>	EC000897

### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	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 / LR / GL / BV / RS / KR / NK / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / IECCEB CB Scheme / GOST / GOST / cULus Recognized /

## Approval details

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

<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	24 A
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

<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

# Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

approvals

<b>LR</b>
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<b>GL</b>	
Nominal voltage UN	500 V
Nominal current IN	22 A
mm <sup>2</sup> /AWG/kcmil	2.5


<b>BV</b>
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<b>RS</b>
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<b>KR</b>
-----------

<b>NK</b>
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<b>IECEE CB Scheme</b> 	
Nominal voltage UN	500 V
Nominal current IN	24 A
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

	
Nominal voltage UN	800 V
Nominal current IN	24 A
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

	
Nominal voltage UN	500 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	2.5

# Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

approvals



accessories

## End cover

D-STTB 2,5-TWIN - 3038558



DP PS-5 - 3036725



## Partition plate

ATP-STTB 4 - 3030747



## Screwdriver tools

## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

accessories

SZF 1-0,6X3,5 - 1204517



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### Marker carriers

STP 5-2 - 0800967



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### Labeled terminal marker

WST 2,5 - 3030941



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ZBF 5 CUS - 0825025



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UC-TMF 5 CUS - 0824638



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

accessories

UCT-TMF 5 CUS - 0829658



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### Marker pen

B-STIFT - 1051993



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X-PEN 0,35 - 0811228



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### Documentation

ST-IL - 3039900



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### Bridge

FBS 20-5 - 3030226



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## accessories

FBS 10-5 - 3030213



FBS 5-5 - 3030190



FBS 4-5 - 3030187



FBS 3-5 - 3030174



FBS 2-5 - 3030161



FBS 50-5 - 3038930





# Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

accessories

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## 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



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

### 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



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

accessories

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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



NS 35/15 ZN UNPERF 2000MM - 1206586



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

### accessories

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



UC-TMF 5 - 0818153



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

accessories

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

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



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

### accessories

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



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

accessories

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PAI-4-FIX-5/6 VT - 3035979



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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



**End block**

CLIPFIX 35 - 3022218



# Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

## accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413

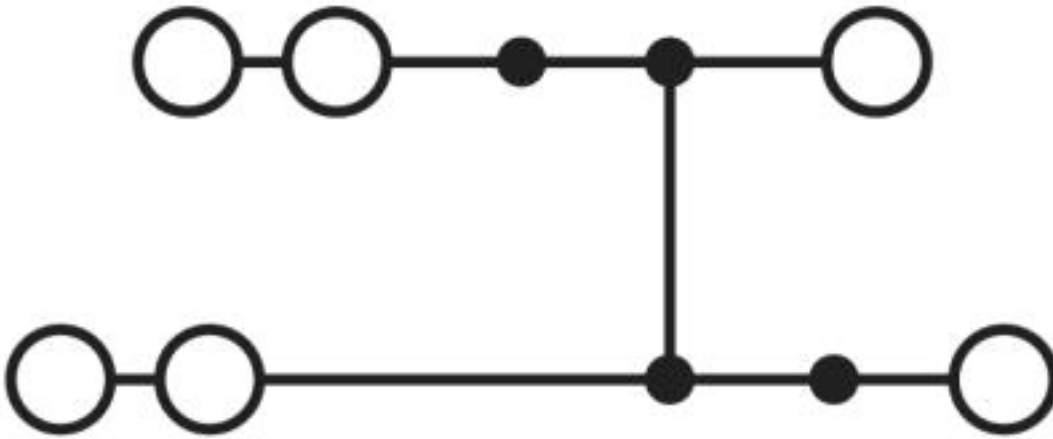


## Drawings



## Feed-through terminal block - STTB 2,5-TWIN-PV - 3038545

Circuit diagram



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