

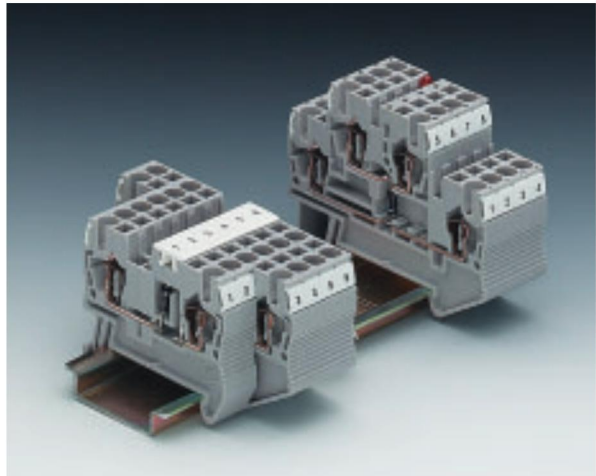
## Spring Cage Component Terminal Blocks

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Thanks to the different versions of double-level diode and light indicator terminal blocks, it is possible to carry out a great variety of switching tasks:

In a minimum of space the following circuits can be realized:

- damping diode,
- lamp test,
- message and fault message.



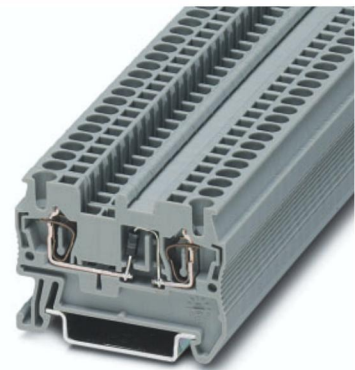
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Phoenix Contact GmbH & Co. KG • 32823 Blomberg, Germany  
Phone +49 52 35 3-00 • Fax +49 52 35 3-4 12 00 • [www.phoenixcontact.com](http://www.phoenixcontact.com)

# Spring Cage Component Terminal Block with Diode

## ST 2,5-DIO/L-R

## ST 2,5-DIO/R-L



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-4	0.2-2.5	24-12	1)	500
Integrated: Diode 1N 4007					
Reverse voltage: 1300 V					
Maximum continuous current: 1 A					
1) The max. current is determined by the diode.					
2) Further colors on request.					

### Technical data

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from left terminal width 5.2 to right, for mounting on

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from right terminal width 5.2 to left, for mounting on

(1) <b>End cover</b>	gray	
(2) <b>Insulating stop sleeve</b> , prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:	0.2 mm <sup>2</sup> 0.25-0.5 mm <sup>2</sup> 0.75-1 mm <sup>2</sup>	white gray black
(3) <b>Plug-in bridge</b> , for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(4) <b>Partition plate</b> , for visual and electrical separation of terminal groups, 2 mm thick		
(5) <b>Test adapter</b> , for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft		
(6) <b>2.3 mm Ø test connector</b> 2), consisting of metal part and red insulating sleeve		
(7) <b>Reducing plug</b>		
(8) <b>Warning cover</b> , for the operating shafts of the "mini-spring" ST spring cage terminal blocks		
(9) <b>Screwdriver</b> , for actuating the tension spring		
(10) <b>Zack marker sheet</b> , flat, 120-section, for labeling the outer marker grooves	white	
(11) <b>Zack strip</b> , 10-section, for labeling in the terminal center and on the plug-in bridges	white	

### Dimensions

Width / length / end cover width [mm]

Height (NS 35:7.5 / NS 35:15) [mm]

### Technical data in accordance with IEC/ DIN VDE

Maximum load current/ cross section [A] / [mm<sup>2</sup>]

Rated surge voltage / contamination class [kV] / -

Surge voltage category / insulation material group - / -

### Capacity connection

Stranded with ferrule with plastic sleeve [mm<sup>2</sup>]

Stranded with ferrule without plastic sleeve [mm<sup>2</sup>]

Stranded with TWIN ferrule with plastic sleeve [mm<sup>2</sup>]

**Stripping length** [mm]

**Internal cylindrical gauge (IEC 60 947-1)**

**Insulating material**

Inflammability class in acc. with UL 94

Type	Order No.	Pcs. Pkt.
ST 2,5-DIO/L-R	30 36 26 2	50
ST 2,5-DIO/R-L	30 36 51 8	50
D-ST 2,5	30 30 41 7	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	50
FBS 2-5	$I_{max}$ : 24 A	30 30 16 1
FBS 3-5	24 A	30 30 17 4
FBS 4-5	24 A	30 30 18 7
FBS 5-5	24 A	30 30 19 0
FBS 10-5	24 A	30 30 21 3
FBS 20-5	24 A	30 30 22 6
ATP-ST 4	30 30 72 1	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
RPS	02 01 64 7	10
WST 2,5	30 30 94 1	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBFM 5 /WH:UNPRINTED	08 03 59 5	10
ZB 5:UNPRINTED	10 50 00 4	10

5.2 / 48.5 / 2.2

36.5 / 44

1) / 4

8 / 3

III / I

0.25 - 2.5

0.25 - 2.5

0.5

10

A 3

PA

V0

# Spring Cage Component Terminal Block with Diode

## ST 2,5-TWIN-DIO/L-R

## ST 2,5-TWIN-DIO/R-L



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-4	0.2-2.5	24-12	1)	500

Integrated: Diode 1N 4007

Reverse voltage: 1300 V

Maximum continuous current: 1 A

1) The max. current is determined by the diode.

2) Further colors on request.

### Technical data

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from left terminal width 5.2 to right, for mounting on

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from right terminal width 5.2 to left, for mounting on

(1) End cover	gray	
(2) Segment cover, for covering of multi-conductor terminals when two-conductor terminals are connected in series	gray	
(3) Insulating stop sleeve, prevents unintentional clamping of the insulation in the case of smaller cross sections		
Cross section range:	0.2 mm <sup>2</sup>	white
	0.25-0.5 mm <sup>2</sup>	gray
	0.75-1 mm <sup>2</sup>	black
(4) Plug-in bridge, for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(5) Partition plate, for visual and electrical separation of terminal groups, 2 mm thick		
(6) Test adapter, for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft		
(7) 2.3 mm Ø test connector 2), consisting of metal part and red insulating sleeve		
(8) Reducing plug		
(9) Screwdriver, for actuating the tension spring		
(10) Zack marker sheet, flat, 120-section, for labeling the outer marker grooves	white	
(11) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges	white	

### Dimensions

Width / length / end cover width	[mm]	5.2 / 60.5 / 2.2
Height (NS 35:7.5 / NS 35:15)	[mm]	36.5 / 44

### Technical data in accordance with IEC/DIN VDE

Maximum load current/ cross section	[A] / [mm <sup>2</sup> ]	1) / 4
Rated surge voltage / contamination class	[kV] / -	8 / 3
Surge voltage category / insulation material group	- / -	III / I

### Capacity connection

Stranded with ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.5

Stripping length [mm] 10

Internal cylindrical gauge (IEC 60 947-1) A 3

Insulating material PA

Inflammability class in acc. with UL 94 V0

Type	Order No.	Pcs. Pkt.
ST 2,5-TWIN-DIO/L-R	30 36 24 6	50
ST 2,5-TWIN-DIO/R-L	30 36 52 1	50
D-ST 2,5-TWIN	30 30 48 8	50
DS-ST 2,5	30 36 60 2	10
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	50
FBS 2-5	$I_{max}$ : 24 A	30 30 16 1
FBS 3-5	24 A	30 30 17 4
FBS 4-5	24 A	30 30 18 7
FBS 5-5	24 A	30 30 19 0
FBS 10-5	24 A	30 30 21 3
FBS 20-5	24 A	30 30 22 6
ATP 4-TWIN	30 30 78 9	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
RPS	02 01 64 7	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBFM 5 /WH:UNPRINTED	08 03 59 5	10
ZB 5:UNPRINTED	10 50 00 4	10

# Spring Cage Component Terminal Block with Diode

## ST 2,5-QUATTRO-DIO/L-R

## ST 2,5-QUATTRO-DIO/R-L



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-4	0.2-2.5	24-12	1)	500

Integrated: Diode 1N 4007


Reverse voltage: 1300 V


Maximum continuous current: 1 A





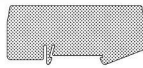




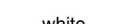

1) The max. current is determined by the diode.

2) Further colors on request.

### Technical data

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from left terminal width 5.2 to right, for mounting on 

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from right terminal width 5.2 to left, for mounting on 

(1) <b>End cover</b>	gray	
(2) <b>Segment cover</b> , for covering of multi-conductor terminals when two-conductor terminals are connected in series	gray	
(3) <b>Insulating stop sleeve</b> , prevents unintentional clamping of the insulation in the case of smaller cross sections		
Cross section range:	0.2 mm <sup>2</sup>	white
	0.25-0.5 mm <sup>2</sup>	gray
	0.75-1 mm <sup>2</sup>	black
(4) <b>Plug-in bridge</b> , for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(5) <b>Partition plate</b> , for visual and electrical separation of terminal groups, 2 mm thick		
(6) <b>Test adapter</b> , for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft		
(7) <b>2.3 mm Ø test connector</b> 2), consisting of metal part and red insulating sleeve		
(8) <b>Reducing plug</b>		
(9) <b>Screwdriver</b> , for actuating the tension spring		
(10) <b>Zack marker sheet</b> , flat, 120-section, for labeling the outer marker grooves	white	
(11) <b>Zack strip</b> , 10-section, for labeling in the terminal center and on the plug-in bridges	white	

### Dimensions

Width / length / end cover width	[mm]	5.2 / 72 / 2.2
Height (NS 35:7.5 / NS 35:15)	[mm]	36.5 / 44

### Technical data in accordance with IEC/DIN VDE

Maximum load current/ cross section	[A] / [mm <sup>2</sup> ]	1) / 4
Rated surge voltage / contamination class	[kV] / -	8 / 3
Surge voltage category / insulation material group	- / -	III / I

### Capacity connection

Stranded with ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.5

**Stripping length** [mm] 10

**Internal cylindrical gauge (IEC 60 947-1)** A 3

**Insulating material** PA

**Inflammability class in acc. with UL 94** V0

Type	Order No.	Pcs. Pkt.	
ST 2,5-QUATTRO-DIO/L-R	30 36 23 3	50	
ST 2,5-QUATTRO-DIO/R-L	30 36 53 4	50	
D-ST 2,5-QUATTRO	30 30 51 4	50	
DS-ST 2,5	30 36 60 2	10	
ISH 2,5/0,2	30 02 84 3	50	
ISH 2,5/0,5	30 02 85 6	50	
ISH 2,5/1	30 02 86 9	50	
FBS 2-5	$I_{max}$ : 24 A	30 30 16 1	10
FBS 3-5	24 A	30 30 17 4	10
FBS 4-5	24 A	30 30 18 7	10
FBS 5-5	24 A	30 30 19 0	10
FBS 10-5	24 A	30 30 21 3	10
FBS 20-5	24 A	30 30 22 6	10
ATP 4-QUATTRO	30 30 81 5	50	
PAI 4	30 30 92 5	10	
MPS-RD	02 01 55 3	10	
RPS	02 01 64 7	10	
SZF 1 - 0,6 x 3,5	12 04 51 7	10	
ZBFM 5 /WH:UNPRINTED	08 03 59 5	10	
ZB 5:UNPRINTED	10 50 00 4	10	

# Spring Cage Component Terminal Block with Diode

## STTB 2,5-DIO/O-U

## STTB 2,5-DIO/U-O



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-4	0.2-2.5	24-12	26	500

Integrated: Diode 1N 4007  
Reverse voltage: 1300 V  
Maximum continuous current: 1 A

### Technical data

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from top terminal width 5.2 to bottom, for mounting on

**Spring cage terminal block, with integrated diode**  
1N 4007, conducting direction from bottom terminal width 5.2 to top, for mounting on

(1) <b>End cover</b>	gray	
(2) <b>Insulating stop sleeve</b> , prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:	0.2 mm <sup>2</sup> 0.25-0.5 mm <sup>2</sup> 0.75-1 mm <sup>2</sup>	white gray black
(3) <b>Plug-in bridge</b> , for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(4) <b>Partition plate</b> , for visual and electrical separation of terminal groups, 2 mm thick		
(5) <b>Test adapter</b> , for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft		
(6) <b>Double marker carrier</b> , snaps into double level spring cage terminal blocks, STTB 2,5 / 4, labeling with ZB 5 and ZBFM 5		
(7) <b>Warning cover</b> , for the operating shafts of the "mini-spring" ST spring cage terminal blocks		
(8) <b>Screwdriver</b> , for actuating the tension spring		
(9) <b>Zack marker sheet</b> , flat, 120-section, for labeling the outer marker grooves	white	

### Dimensions

Width / length / end cover width	[mm]	5.2 / 67.5 / 2.2
Height (NS 35:7.5 / NS 35:15)	[mm]	47.5 / 55

### Technical data in accordance with IEC/DIN VDE

Maximum load current/ cross section	[A] / [mm <sup>2</sup> ]	26 / 4
Rated surge voltage / contamination class	[kV] / -	6 / 3
Surge voltage category / insulation material group	- / -	III / I

### Capacity connection

Stranded with ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.5
<b>Stripping length</b>	[mm]	10

### Internal cylindrical gauge (IEC 60 947-1)

<b>Insulating material</b>		A 3
Inflammability class in acc. with UL 94		PA
		V0

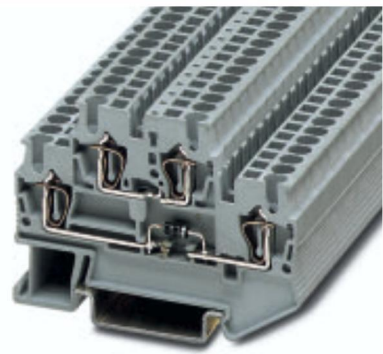
### Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	300 / 20 / 26 - 12
	CSA/CUL: [V] / [A] / AWG	300 / 20 / 26 - 12


Type	Order No.	Pcs. Pkt.
STTB 2,5-DIO/O-U	30 31 55 5	50
STTB 2,5-DIO/U-O	30 31 56 3	50
D-STTB 2,5	30 30 45 9	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	50
FBS 2-5	$I_{max}$ : 20 A	30 30 16 1
FBS 3-5	20 A	30 30 17 4
FBS 4-5	20 A	30 30 18 7
FBS 5-5	20 A	30 30 19 0
FBS 10-5	20 A	30 30 21 3
FBS 20-5	20 A	30 30 22 6
ATP-STTB 4	30 30 74 7	50
PAI 4	30 30 92 5	10
STP 5-2	08 00 96 7	10
WST 2,5	30 30 94 1	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBFM 5 /WH:UNPRINTED	08 03 59 5	10

# Spring Cage Component Terminal Block with Diode


## STTB 2,5-DIO/UL-UR




(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-4	0.2-2.5	24-12	26	500







Integrated: Diode 1N 4007  
Reverse voltage: 1300 V  
Maximum continuous current: 1 A  


### Technical data


**Spring cage terminal block**, with integrated diode  
1N 4007, conducting direction from left terminal width 5.2  
to right, for mounting on 


(1) **End cover** gray 


(2) **Insulating stop sleeve**, prevents unintentional clamping of the insulation in the case of smaller cross sections  
Cross section range: 0.2 mm<sup>2</sup> white  
0.25-0.5 mm<sup>2</sup> gray  
0.75-1 mm<sup>2</sup> black 

(3) **Plug-in bridge**, for cross-connections in the terminal center  
2-pos.   
3-pos.   
4-pos.   
5-pos.   
10-pos.   
20-pos. 


(4) **Partition plate**, for visual and electrical separation of terminal groups, 2 mm thick 

(5) **Test adapter**, for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft 

(6) **Double marker carrier**, snaps into double level spring cage terminal blocks, STTB 2,5 / 4, labeling with ZB 5 and ZBFM 5 

(7) **Warning cover**, for the operating shafts of the "mini-spring" ST spring cage terminal block 

(8) **Screwdriver**, for actuating the tension spring 

(9) **Zack marker sheet**, flat, 120-section, for labeling the outer marker grooves white 

### Dimensions

Width / length / end cover width [mm]  
Height (NS 35:7.5 / NS 35:15) [mm]

### Technical data in accordance with IEC/DIN VDE

Maximum load current/ cross section [A] / [mm<sup>2</sup>]  
Rated surge voltage / contamination class [kV] / -  
Surge voltage category / insulation material group - / -

### Capacity connection

Stranded with ferrule with plastic sleeve [mm<sup>2</sup>]  
Stranded with ferrule without plastic sleeve [mm<sup>2</sup>]  
Stranded with TWIN ferrule with plastic sleeve [mm<sup>2</sup>]

**Stripping length** [mm]

**Internal cylindrical gauge (IEC 60 947-1)**

### Insulating material

Inflammability class in acc. with UL 94

### Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG  
CSA/CUL: [V] / [A] / AWG

Type	Order No.	Pcs. Pkt.	
STTB 2,5-DIO/UL-UR	30 31 57 1	50	
D-STTB 2,5	30 30 45 9	50	
ISH 2,5/0,2	30 02 84 3	50	
ISH 2,5/0,5	30 02 85 6	50	
ISH 2,5/1	30 02 86 9	50	
FBS 2-5	$I_{max}$ : 20 A	30 30 16 1	10
FBS 3-5	20 A	30 30 17 4	10
FBS 4-5	20 A	30 30 18 7	10
FBS 5-5	20 A	30 30 19 0	10
FBS 10-5	20 A	30 30 21 3	10
FBS 20-5	20 A	30 30 22 6	10
ATP-STTB 4	30 30 74 7	50	
PAI 4	30 30 92 5	10	
STP 5-2	08 00 96 7	10	
WST 2,5	30 30 94 1	10	
SZF 1 - 0,6 x 3,5	12 04 51 7	10	
ZBFM 5 /WH:UNPRINTED	08 03 59 5	10	

5.2 / 67.5 / 2.2

47.5 / 55

26 / 4

6 / 3

III / I

0.25 - 2.5

0.25 - 2.5

0.5

10

A 3

PA

V0

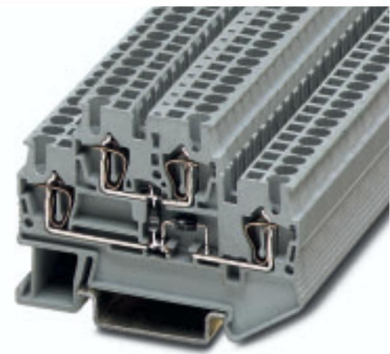
300 / 20 / 26 - 12

300 / 20 / 26 - 12

# Spring Cage Component Terminal Block with Diodes

## STTB 2,5-2 DIO/O-UL/UR-UL

## STTB 2,5-2 DIO/O-UL/O-UR



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-4	0.2-2.5	24-12	26	500

Integrated: Diode 1N 4007  
 Reverse voltage: 1300 V  
 Maximum continuous current: 1 A

### Technical data

**Spring cage terminal block**, with two integrated diodes  
 1N 4007, conducting direction from terminal width 5.2  
 top to bottom left, and from bottom right  
 to bottom left, for mounting on

**Spring cage terminal block**, with two integrated diodes  
 1N 4007, conducting direction from terminal width 5.2  
 top to bottom left, and from top  
 to bottom right, for mounting on

(1) **End cover** gray

(2) **Insulating stop sleeve**, prevents unintentional clamping  
 of the insulation in the case of smaller cross sections  
 Cross section range: 0.2 mm<sup>2</sup> white  
 0.25-0.5 mm<sup>2</sup> gray  
 0.75-1 mm<sup>2</sup> black

(3) **Plug-in bridge**, for 2-pos.   
 cross-connections in the 3-pos.  
 terminal center 4-pos.  
 5-pos.  
 10-pos.  
 20-pos.

(4) **Partition plate**, for visual and electrical separation  
 of terminal groups, 2 mm thick

(5) **Test adapter**, for 4 mm Ø test connector PS  
 and 4 mm Ø safety test connectors,  
 making contact in the bridge shaft

(6) **Double marker carrier**, snaps into  
 double level spring cage terminal blocks, STTB 2,5 / 4,  
 labeling with ZB 5 and ZBFM 5

(7) **Warning cover**, for the  
 operating shafts of the "mini-spring"  
 ST spring cage terminal blocks

(8) **Screwdriver**, for  
 actuating the tension spring

(9) **Zack marker sheet**, flat, 120-section,  
 for labeling the outer marker grooves white

### Dimensions

Width / length / end cover width	[mm]	5.2 / 67.5 / 2.2
Height (NS 35:7.5 / NS 35:15)	[mm]	47.5 / 55

### Technical data in accordance with IEC/DIN VDE

Maximum load current/ cross section	[A] / [mm <sup>2</sup> ]	26 / 4
Rated surge voltage / contamination class	[kV] / -	6 / 3
Surge voltage category / insulation material group	- / -	III / I

### Capacity connection

Stranded with ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.5

**Stripping length** [mm] 10

**Internal cylindrical gauge (IEC 60 947-1)** A 3

**Insulating material** PA

Inflammability class in acc. with UL 94 V0

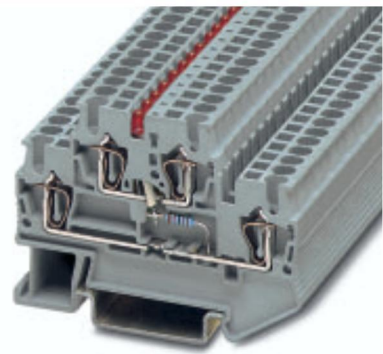
### Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	300 / 20 / 26 - 12
	CSA/CUL: [V] / [A] / AWG	300 / 20 / 26 - 12

Type	Order No.	Pcs. Pkt.
STTB 2,5-2 DIO/O-UL/UR-UL	30 31 58 4	50
STTB 2,5-2 DIO/O-UL/O-UR	30 31 59 7	50
D-STTB 2,5	30 30 45 9	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	50
FBS 2-5	$I_{max.}: 20 A$ 30 30 16 1	10
FBS 3-5	20 A 30 30 17 4	10
FBS 4-5	20 A 30 30 18 7	10
FBS 5-5	20 A 30 30 19 0	10
FBS 10-5	20 A 30 30 21 3	10
FBS 20-5	20 A 30 30 22 6	10
ATP-STTB 4	30 30 74 7	50
PAI 4	30 30 92 5	10
STP 5-2	08 00 96 7	10
WST 2,5	30 30 94 1	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBFM 5 /WH:UNPRINTED	08 03 59 5	10

# Spring Cage Component Terminal Block with Light Indicator


## STTB 2,5-LA



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-4	0.2-2.5	24-12	26	500



### Technical data


**Spring cage terminal block**, with light indicator for mounting on , terminal width 5.2  
voltage [V AC/DC]/current [mA]

15 - 30 DC / 2.5 - 7.5
30 - 60 DC / 1.9 - 4.0
110 - 230 AC/DC / 2.5 - 7.5







(1) **End cover** gray 

(2) **Insulating stop sleeve**, prevents unintentional clamping of the insulation in the case of smaller cross sections  
Cross section range:


0.2 mm <sup>2</sup>	white
0.25-0.5 mm <sup>2</sup>	gray
0.75-1 mm <sup>2</sup>	black





(3) **Plug-in bridge**, for cross-connections in the terminal center

2-pos.	
3-pos.	
4-pos.	
5-pos.	
10-pos.	
20-pos.	

(4) **Partition plate**, for visual and electrical separation of terminal groups, 2 mm thick 

(5) **Test adapter**, for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft 

(6) **Double marker carrier**, snaps into double level spring cage terminal blocks, STTB 2,5 / 4, labeling with ZB 5 and ZBFM 5 

(7) **Warning cover**, for the operating shafts of the "mini-spring" ST spring cage terminal blocks 

(8) **Screwdriver**, for actuating the tension spring 

(9) **Zack marker sheet**, flat, 120-section, for labeling the outer marker grooves white

### Dimensions

Width / length / end cover width [mm]  
Height (NS 35:7.5 / NS 35:15) [mm]

### Technical data in accordance with IEC/DIN VDE

Maximum load current/ cross section [A] / [mm<sup>2</sup>]  
Rated surge voltage / contamination class [kV] / -  
Surge voltage category / insulation material group - / -

### Capacity connection

Stranded with ferrule with plastic sleeve [mm<sup>2</sup>]  
Stranded with ferrule without plastic sleeve [mm<sup>2</sup>]  
Stranded with TWIN ferrule with plastic sleeve [mm<sup>2</sup>]  
Stripping length [mm]

### Internal cylindrical gauge (IEC 60 947-1)

### Insulating material

Inflammability class in acc. with UL 94

### Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG  
CSA/CUL: [V] / [A] / AWG

Type	Order No.	Pcs. Pkt.
STTB 2,5-LA 24	30 31 60 7	50
STTB 2,5-LA 60	30 31 61 0	50
STTB 2,5-LA 230	30 31 62 3	50
D-STTB 2,5	30 30 45 9	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	50
FBS 2-5 $I_{max}: 20 A$	30 30 16 1	10
FBS 3-5 20 A	30 30 17 4	10
FBS 4-5 20 A	30 30 18 7	10
FBS 5-5 20 A	30 30 19 0	10
FBS 10-5 20 A	30 30 21 3	10
FBS 20-5 20 A	30 30 22 6	10
ATP-STTB 4	30 30 74 7	50
PAI 4	30 30 92 5	10
STP 5-2	08 00 96 7	10
WST 2,5	30 30 94 1	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBFM 5 /WH:UNPRINTED	08 03 59 5	10

5.2 / 67.5 / 2.2

47.5 / 55

26 / 4

6 / 3

III / I

0.25 - 2.5

0.25 - 2.5

0.5

10

A 3

PA

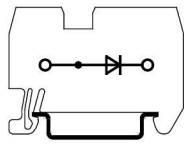
V0

300 / 20 / 26 - 12

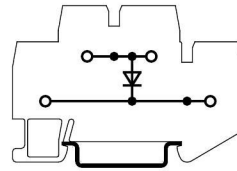
300 / 20 / 26 - 12



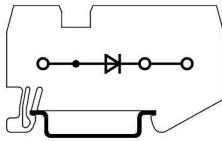
# Technical data



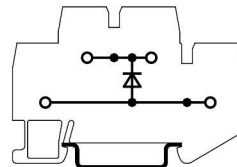
ST 2,5-DIO/L-R



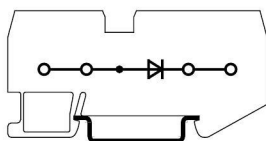
STTB 2,5-DIO/O-U



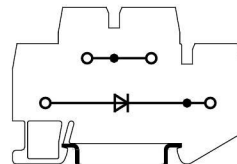
ST 2,5-TWIN-DIO/L-R



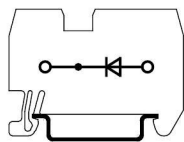
STTB 2,5-DIO/U-O



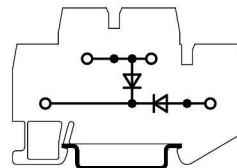
ST 2,5-QUATTRO-DIO/L-R



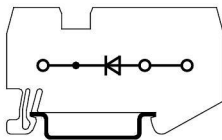
STTB 2,5-DIO/UL-UR



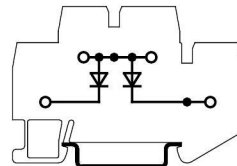
ST 2,5-DIO/R-L



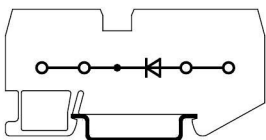
STTB 2,5-2 DIO/O-UL/UR-UL



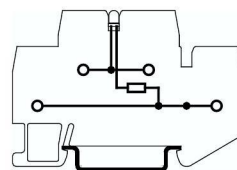
ST 2,5-TWIN-DIO/R-L



STTB 2,5-2 DIO/O-UL/O-UR



ST 2,5-QUATTRO-DIO/R-L



STTB 2,5-LA...