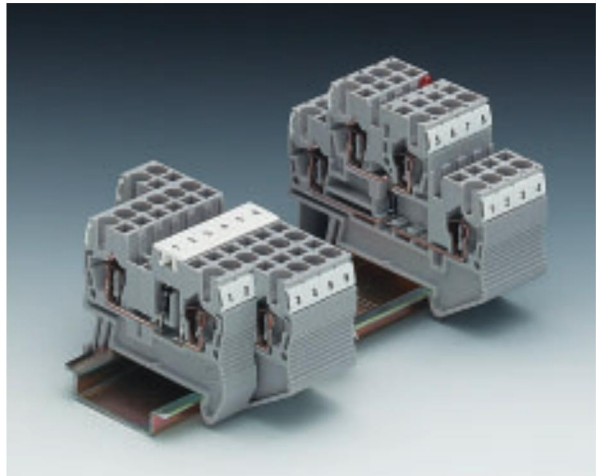


Spring Cage Component Terminal Blocks

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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Spring Cage Component Terminal Block with Diode

ST 2,5-DIO/L-R

ST 2,5-DIO/R-L



| (IEC) [mm ²] | 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) Insulating stop sleeve , prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range: | 0.2 mm ² 0.25-0.5 mm ² 0.75-1 mm ² | white gray 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) 2.3 mm Ø test connector 2), consisting of metal part and red insulating sleeve | | |
| (7) Reducing plug | | |
| (8) Warning cover , for the operating shafts of the "mini-spring" ST spring cage terminal blocks | | |
| (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 / 48.5 / 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 ²] | 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 ²] | 0.25 - 2.5 |
| Stranded with ferrule without plastic sleeve | [mm ²] | 0.25 - 2.5 |
| Stranded with TWIN ferrule with plastic sleeve | [mm ²] | 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-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 |

Spring Cage Component Terminal Block with Diode

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

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



| (IEC) [mm ²] | 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 ² | white |
| | 0.25-0.5 mm ² | gray |
| | 0.75-1 mm ² | 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 ²] | 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 ²] | 0.25 - 2.5 |
| Stranded with ferrule without plastic sleeve | [mm ²] | 0.25 - 2.5 |
| Stranded with TWIN ferrule with plastic sleeve | [mm ²] | 0.5 |

Stripping length [mm] 10

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

Insulating material PA

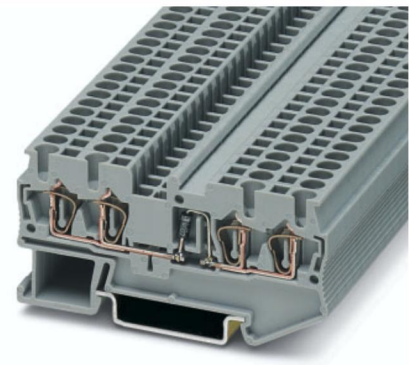
Inflammability class in acc. with UL 94 V0

| 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 | 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-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 ²] | 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 ² 0.25-0.5 mm ² 0.75-1 mm ² | white gray 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 / 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 ²] | 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 ²] | 0.25 - 2.5 |
| Stranded with ferrule without plastic sleeve | [mm ²] | 0.25 - 2.5 |
| Stranded with TWIN ferrule with plastic sleeve | [mm ²] | 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 |
| 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-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




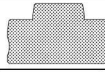


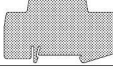


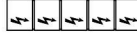
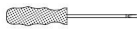
| (IEC) [mm ²] | rigid solid | flexible stranded | AWG | I [A] | U [V] |
|-----------------------------|----------------|----------------------|-------|----------|----------|
| Connection data | 0.2-4 | 0.2-2.5 | 24-12 | 26 | 500 |

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) 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 ² 0.25-0.5 mm ² 0.75-1 mm ² | white gray 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] | 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 ²] | 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 ²] | 0.25 - 2.5 |
| Stranded with ferrule without plastic sleeve | [mm ²] | 0.25 - 2.5 |
| Stranded with TWIN ferrule with plastic sleeve | [mm ²] | 0.5 |
| Stripping length | [mm] | 10 |

Internal cylindrical gauge (IEC 60 947-1)

| | | |
|---|--|-----|
| Insulating material | | A 3 |
| Inflammability class in acc. with UL 94 | | PA |
| | | V0 |

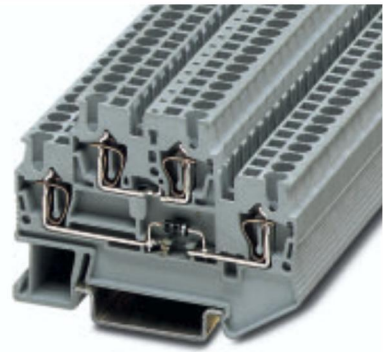
Approval data (UL and CSA/CUL)

| | | |
|---|--------------------------|--------------------|
| 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 ²] | 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 mm² white
0.25-0.5 mm² gray
0.75-1 mm² 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] / [mm²]
Rated surge voltage / contamination class [kV] / -
Surge voltage category / insulation material group - / -

Capacity connection

Stranded with ferrule with plastic sleeve [mm²]
Stranded with ferrule without plastic sleeve [mm²]
Stranded with TWIN ferrule with plastic sleeve [mm²]

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

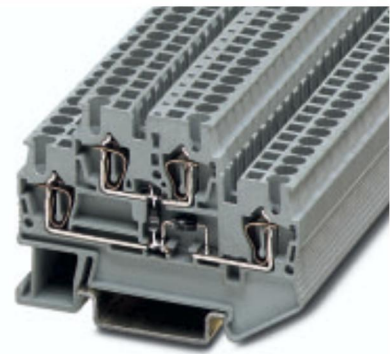
300 / 20 / 26 - 12

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 ²] | 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 mm² white
0.25-0.5 mm² gray
0.75-1 mm² 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] / [mm²] 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 [mm²] 0.25 - 2.5
Stranded with ferrule without plastic sleeve [mm²] 0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve [mm²] 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

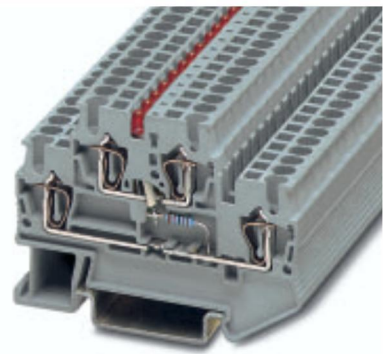
Approval data (UL and CSA/CUL)

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 ²] | 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 ² | white |
| 0.25-0.5 mm ² | gray |
| 0.75-1 mm ² | 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] / [mm²]
Rated surge voltage / contamination class [kV] / -
Surge voltage category / insulation material group - / -

Capacity connection

Stranded with ferrule with plastic sleeve [mm²]
Stranded with ferrule without plastic sleeve [mm²]
Stranded with TWIN ferrule with plastic sleeve [mm²]
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

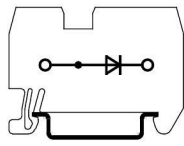
PA

V0

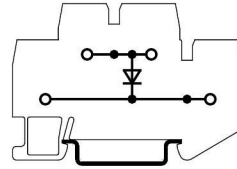
300 / 20 / 26 - 12

300 / 20 / 26 - 12

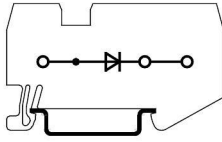
Technical data



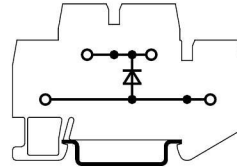
ST 2,5-DIO/L-R



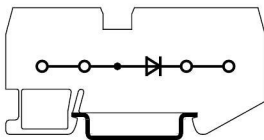
STTB 2,5-DIO/O-U



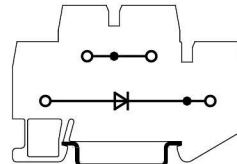
ST 2,5-TWIN-DIO/L-R



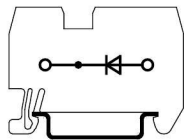
STTB 2,5-DIO/U-O



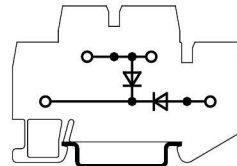
ST 2,5-QUATTRO-DIO/L-R



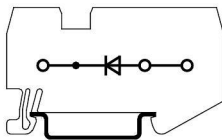
STTB 2,5-DIO/UL-UR



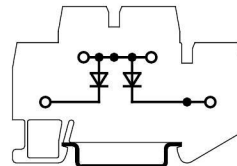
ST 2,5-DIO/R-L



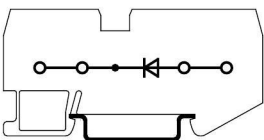
STTB 2,5-2 DIO/O-UL/UR-UL



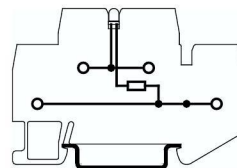
ST 2,5-TWIN-DIO/R-L



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



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



STTB 2,5-LA...