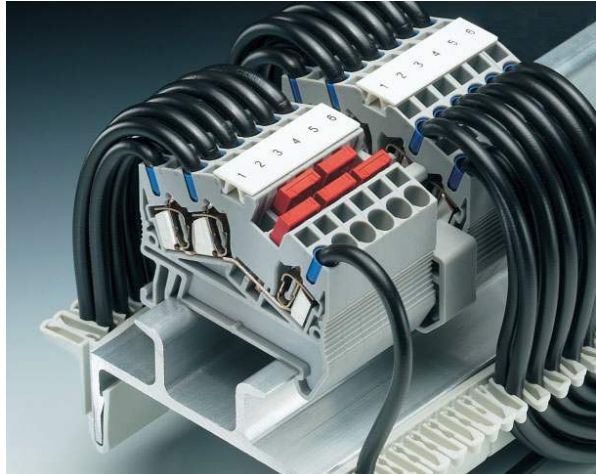


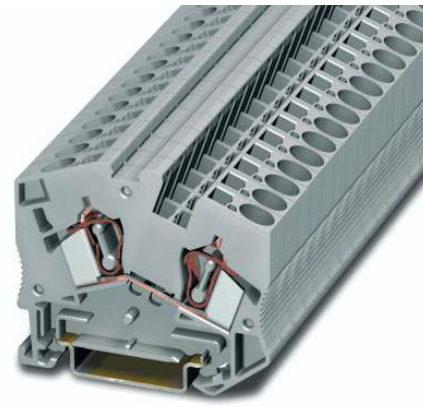
## Spring Cage Feed Through Terminal Blocks with Angled Design STS 6

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The ST-DESK series of spring cage terminal blocks features an angled conductor entry. This family of compact terminal blocks is used especially in wiring systems where space is to be saved using underfloor wiring. With their dual jumper channel, STS 6 and STS 6-TWIN offer a variety of options for potential bridging. Moreover, these jumper channels are conveniently positioned and are in the same location as is the case for the 2.5 and 4 mm<sup>2</sup> terminal blocks of the ST-DESK series. Using adapter bridge RB-ST 6-(4/2,5), the potential can be distributed both to the left or right to the terminal blocks with smaller nominal cross sections.



# Spring Cage Feed Through Terminal Block STS 6



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-10	0.2-6	24-8	52	800

## Technical data

<b>Spring cage terminal block,</b> for mounting on		gray blue	terminal width 8.2 terminal width 8.2	
<b>(1) End cover</b>		gray		
<b>(2) Plug-in bridge,</b> for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos.			
<b>(3) Adapter bridge,</b> for connecting an STS 6 to an STS 4 or STS 2,5				
<b>(4) Partition plate,</b> for visual and electrical separation of terminal groups, 2 mm thick				
<b>(5) Test adapter,</b> for 4 mm $\varnothing$ test plug PS and 4 mm $\varnothing$ safety test plugs, making contact in the bridge shaft				
<b>(6) 2.3 mm <math>\varnothing</math> test plug<sup>1)</sup>,</b> consisting of metal part and red insulating sleeve				
<b>(7) Modular test plug,</b> can be labeled with ZBF 5				
<b>(8) Screwdriver,</b> for actuating the tension spring				
<b>(9) Zack strip,</b> 10-section, for labeling in the terminal center		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 // Rated data	[A] / [mm <sup>2</sup> ]	52 / 10 // 41 / 6
Rated surge voltage / contamination class	[kV] / -	8 / 3
Surge voltage category / insulation material group	- / -	III / I

### Connection capacity

Stranded with ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 6
Stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	0.25 - 6
Stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 1.5
Stripping length	[mm]	12

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

### Insulating material

Inflammability class in acc. with UL 94

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

Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG	applied for
	CSA/CUL: [V] / [A] / AWG	applied for

<sup>1)</sup> Further colors are available on request.

Type	Order No.	Pcs. Pkt.
<b>STS 6</b>	<b>30 38 12 1</b>	<b>50</b>
<b>STS 6 BU</b>	<b>30 38 13 4</b>	<b>50</b>
<b>D-STIS 6</b>	<b>30 38 18 9</b>	<b>50</b>
<b>FBS 2-8</b>	<b>30 30 28 4</b>	<b>10</b>
<b>FBS 3-8</b>	<b>30 30 29 7</b>	<b>10</b>
<b>FBS 4-8</b>	<b>30 30 30 7</b>	<b>10</b>
<b>FBS 5-8</b>	<b>30 30 31 0</b>	<b>10</b>
<b>FBS 10-8</b>	<b>30 30 32 3</b>	<b>10</b>
<b>RB ST 6-(2,5/4)</b>	<b>30 30 86 0</b>	<b>10</b>
<b>ATP-ST 6</b>	<b>30 24 48 1</b>	<b>50</b>
<b>PAI 4</b>	<b>30 30 92 5</b>	<b>10</b>
<b>MPS-RD</b>	<b>02 01 55 3</b>	<b>10</b>
<b>PS 5</b>	<b>30 30 98 3</b>	<b>10</b>
<b>SZF 2 - 0,8 x 4,0</b>	<b>12 04 52 0</b>	<b>10</b>
<b>ZB 8:UNPRINTED</b>	<b>10 52 00 2</b>	<b>10</b>

	8.2 / 58 / 2.2
	50.0 / 57.5
	52 / 10 // 41 / 6
	8 / 3
	III / I
	0.25 - 6
	0.25 - 6
	0.25 - 1.5
	12
	A 5
	PA
	V0
	applied for
	applied for










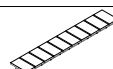
# Spring Cage Feed Through Terminal Block STS 6-TWIN



(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-10	0.2-6	24-8	52*	800

\* The max. load current must not be exceeded by the total current of all connected conductors.

## Technical data

Spring cage terminal block, for mounting on 		gray blue	terminal width 8.2 terminal width 8.2
(1) End cover		gray	
(2) Plug-in bridge, for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos.		
(3) Adapter bridge, for connecting an STS 6 to an STS 4 or STS 2,5			
(4) Partition plate, for visual and electrical separation of terminal groups, 2 mm thick			
(5) Test adapter, for 4 mm Ø test plug PS and 4 mm Ø safety test plugs, making contact in the bridge shaft			
(6) 2.3 mm Ø test plug <sup>1)</sup> , consisting of metal part and red insulating sleeve			
(7) Modular test plug, can be labeled with ZBF 5			
(8) Screwdriver, for actuating the tension spring			
(9) Zack strip, 10-section, for labeling in the terminal center		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 // Rated data	[A] / [mm <sup>2</sup> ]	52 / 10 // 41 / 6
Rated surge voltage / contamination class	[kV] / -	8 / 3
Surge voltage category / insulation material group	- / -	III / I

### Connection capacity

Stranded with ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 6
Stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	0.25 - 6
Stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.25 - 1.5
Stripping length	[mm]	12

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

### Insulating material

Inflammability class in acc. with UL 94

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

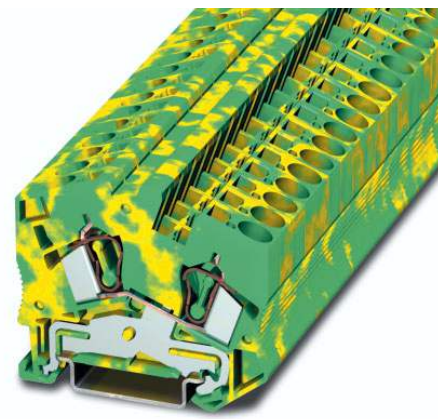
Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG	applied for
	CSA/CUL: [V] / [A] / AWG	applied for

<sup>1)</sup> Further colors are available on request.

Type	Order No.	Pcs. Pkt.
STS 6-TWIN	30 38 15 0	50
STS 6-TWIN BU	30 38 16 3	50
D-STIS 6-TWIN	30 38 20 2	50
FBS 2-8	$I_{max.}$ : 41 A	30 30 28 4
FBS 3-8	41 A	30 30 29 7
FBS 4-8	41 A	30 30 30 7
FBS 5-8	41 A	30 30 31 0
FBS 10-8	41 A	30 30 32 3
RB ST 6-(2,5/4)	$I_{max.}$ : 48 A	30 30 86 0
ATP-ST 6		30 24 48 1
PAI 4		30 30 92 5
MPS-RD		02 01 55 3
PS 5		30 30 98 3
SZF 2 - 0,8 x 4,0		12 04 52 0
ZB 8:UNPRINTED		10 52 00 2

	8.2 / 70 / 2.2
	50.0 / 57.5
	52 / 10 // 41 / 6
	8 / 3
	III / I
	0.25 - 6
	0.25 - 6
	0.25 - 1.5
	12
	A 5
	PA
	V0
	applied for
	applied for

# Spring Cage Ground Terminal Block STS 6-PE









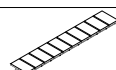


(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.2-10	0.2-6	24-8

Current carrying capacity of mounting rails, see CLIPLINE catalog.

## Technical data

**Spring cage ground terminal block,**  
for mounting on  green-yellow terminal width 8.2

(1) <b>End cover</b>	gray	
(2) <b>Plug-in bridge</b> , for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos.	
(3) <b>Adapter bridge</b> , for connecting an STS 6 to an STS 4 or STS 2,5		
(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 plug PS and 4 mm Ø safety test plugs, making contact in the bridge shaft		
(6) <b>2.3 mm Ø test plug</b> <sup>1)</sup> , consisting of metal part and red insulating sleeve		
(7) <b>Modular test plug</b> , can be labeled with ZBF 5		
(8) <b>Screwdriver</b> , for actuating the tension spring		
(9) <b>Zack strip</b> , 10-section, for labeling in the terminal center	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 // Rated data	[A] / [mm <sup>2</sup> ]
Rated surge voltage / contamination class	[kV] / -
Surge voltage category / insulation material group	- / -

### Connection capacity

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> ]
<b>Stripping length</b>	[mm]

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

### Insulating material

Inflammability class in acc. with UL 94

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

Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG
	CSA/CUL: [V] / [A] / AWG

<sup>1)</sup> Further colors are available on request.

Type	Order No.	Pcs. Pkt.
<b>STS 6-PE</b>	<b>30 38 14 7</b>	<b>50</b>
<b>D-ST5 6</b>	<b>30 38 18 9</b>	<b>50</b>
<b>FBS 2-8</b>	<b>30 30 28 4</b>	<b>10</b>
<b>FBS 3-8</b>	<b>30 30 29 7</b>	<b>10</b>
<b>FBS 4-8</b>	<b>30 30 30 7</b>	<b>10</b>
<b>FBS 5-8</b>	<b>30 30 31 0</b>	<b>10</b>
<b>FBS 10-8</b>	<b>30 30 32 3</b>	<b>10</b>
<b>RB ST 6-(2,5/4)</b>	<b>30 30 86 0</b>	<b>10</b>
<b>ATP-ST 6</b>	<b>30 24 48 1</b>	<b>50</b>
<b>PAI 4</b>	<b>30 30 92 5</b>	<b>10</b>
<b>MPS-RD</b>	<b>02 01 55 3</b>	<b>10</b>
<b>PS 5</b>	<b>30 30 98 3</b>	<b>10</b>
<b>SZF 2 - 0,8 x 4,0</b>	<b>12 04 52 0</b>	<b>10</b>
<b>ZB 8:UNPRINTED</b>	<b>10 52 00 2</b>	<b>10</b>

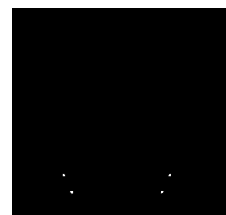
8.2 / 58 / 2.2
50.0 / 57.5

-
8 / 3
III / I

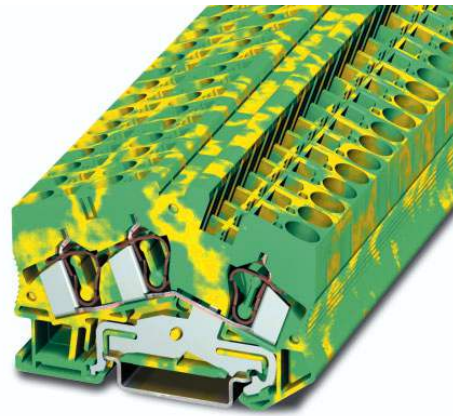
0.25 - 6
0.25 - 6
0.25 - 1.5

12
A 5
PA
V0

applied for
applied for



# Spring Cage Ground Terminal Block STS 6-TWIN-PE




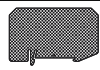




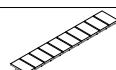


(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.2-10	0.2-6	24-8

Current carrying capacity of mounting rails, see CLIPLINE catalog.

## Technical data

**Spring cage ground terminal block,**  
for mounting on  green-yellow terminal width 8.2

(1) <b>End cover</b>	gray	
(2) <b>Plug-in bridge</b> , for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos.	
(3) <b>Adapter bridge</b> , for connecting an STS 6 to an STS 4 or STS 2,5		
(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 plug PS and 4 mm Ø safety test plugs, making contact in the bridge shaft		
(6) <b>2.3 mm Ø test plug</b> <sup>1)</sup> , consisting of metal part and red insulating sleeve		
(7) <b>Modular test plug</b> , can be labeled with ZBF 5		
(8) <b>Screwdriver</b> , for actuating the tension spring		
(9) <b>Zack strip</b> , 10-section, for labeling in the terminal center	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 // Rated data	[A] / [mm <sup>2</sup> ]
Rated surge voltage / contamination class	[kV] / -
Surge voltage category / insulation material group	- / -

### Connection capacity

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> ]
<b>Stripping length</b>	[mm]

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

### Insulating material

Inflammability class in acc. with UL 94

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

Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG
	CSA/CUL: [V] / [A] / AWG

<sup>1)</sup> Further colors are available on request.

Type	Order No.	Pcs. Pkt.
STS 6-TWIN-PE	30 38 17 6	50
D-ST5 6-TWIN	30 38 20 2	50
FBS 2-8	30 30 28 4	10
FBS 3-8	30 30 29 7	10
FBS 4-8	30 30 30 7	10
FBS 5-8	30 30 31 0	10
FBS 10-8	30 30 32 3	10
RB ST 6-(2,5/4)	30 30 86 0	10
ATP-ST 6	30 24 48 1	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 5	30 30 98 3	10
SZF 2 - 0,8 x 4,0	12 04 52 0	10
ZB 8:UNPRINTED	10 52 00 2	10

8.2 / 70 / 2.2
50.0 / 57.5
-
8 / 3
III / I
0.25 - 6
0.25 - 6
0.25 - 1.5
12
A 5
PA
V0
applied for
applied for

