

Three-Conductor Spring Cage Terminal Blocks ST ...-TWIN

The three-conductor spring cage terminal blocks ST...-TWIN are a space-saving and economic alternative to standard feed-through terminals when it comes to power distribution.

In practice, three connections often have to be led to one terminal block. This task can be realized with the TWIN variant without needing any additional terminal blocks or bridges.

The universal FBS plug-in bridge system allows cross-connection to neighboring feed-through terminal blocks.



Three-Conductor Spring Cage Terminal Block

ST 1,5-TWIN



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.14-1.5	0.14-1.5	26-16	17.5**	500
EN 50 019*	0.14-1.5	0.14-1.5	26-16	17.5**	420









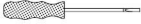

* EU certificate of design approval no.: KEMA 01ATEX2129U

For installation notes and the use of accessories for EEx e applications see www.clipline.phoenixcontact.com.

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

UL 504 KEMA

Technical data

Spring cage terminal block, for mounting on 		gray	terminal width 4.2
		blue	terminal width 4.2
		orange	terminal width 4.2
		red	terminal width 4.2
		black	terminal width 4.2
(1) End cover		gray	
(2) Segment cover, for covering projecting terminal segments		gray	
(3) Insulating stop sleeve, prevents unintentional clamping of the insulation in the case of smaller cross sections		white	
Cross section range:	0.2 mm ²	gray	
	0.25-0.5 mm ²		
(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 test connector PS and 4 mm safety test connectors, making contact in the bridge shaft			
(7) Modular test connector, for the individual assembly of test connector strips, can be labeled with ZBFM 4			
(8) Screwdriver, for actuating the tension spring			
(9) Zack marker sheet, flat, 100-section, for labeling the outer marker grooves		white	
(10) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges		white	
Dimensions			
Width / length / end cover width		[mm]	4.2 / 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]	17.5 / 1.5
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 - 1.5
Stranded with ferrule without plastic sleeve		[mm ²]	0.25 - 1.5
Stranded with TWIN ferrule with plastic sleeve		[mm ²]	0.5
Stripping length		[mm]	10
Internal cylindrical gauge (IEC 60 947-1)			A 1
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		-
	CSA/CUL: [V] / [A] / AWG		-

Type	Order No.	Pcs. Pkt.	
ST 1,5-TWIN	30 31 12 8	50	
ST 1,5-TWIN BU	30 31 13 1	50	
ST 1,5-TWIN OG	30 37 25 8	50	
ST 1,5-TWIN RD	30 37 27 4	50	
ST 1,5-TWIN BK	30 37 30 0	50	
D-ST 2,5-TWIN	30 30 48 8	50	
DS-ST 2,5	30 36 60 2	50	
ISH 1,5/0,2	32 06 13 1	50	
ISH 1,5/0,5	30 31 03 4	50	
FBS 2-4	I _{max} : 17.5 A	30 30 11 6	50
FBS 3-4		30 30 12 9	50
FBS 4-4		30 30 13 2	50
FBS 5-4		30 30 14 5	50
FBS 10-4		30 30 15 8	10
FBS 20-4		30 30 35 2	10
ATP-ST-TWIN	30 30 78 9	50	
PAI 4	30 30 92 5	10	
PS-4	30 30 97 0	10	
SZF 0 - 0,4 x 2,5	12 04 50 4	10	
ZBFM 4 /WH:UNPRINTED	08 03 57 9	10	
ZB 4:UNPRINTED	08 05 00 1	10	

Three-Conductor Spring Cage Ground Terminal Block

ST 1,5-TWIN-PE




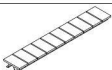
(IEC) [mm ²]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.14-1.5	0.14-1.5	26-16
EN 50 019*	0.14-1.5	0.14-1.5	26-16

* EU certificate of design approval no.: KEMA 01ATEX2129U
For installation notes and the use of accessories for EEx e applications
see www.clipline.phoenixcontact.com.
The current carrying capacity of the mounting rails should be observed.





Technical data

Spring cage ground terminal block, for mounting on  green-yellow terminal width 4.2	
(1) End cover	gray 
(2) Segment cover, for covering projecting terminal segments	gray 
(3) Insulating stop sleeve, prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:	white gray  0.2 mm ² 0.25-0.5 mm ²
(4) Screwdriver, for actuating the tension spring	
(5) Zack marker sheet, flat, 100-section, for labeling the outer marker grooves	white
(6) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges	white 
Dimensions	
Width / length / end cover width	[mm] 4.2 / 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] -
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 - 1.5
Stranded with ferrule without plastic sleeve	[mm ²] 0.25 - 1.5
Stranded with TWIN ferrule with plastic sleeve	[mm ²] 0.5
Stripping length	[mm] 10
Internal cylindrical gauge (IEC 60 947-1)	A 1
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 -
	CSA/CUL: [V] / [A] / AWG -

Type	Order No.	Pcs. Pkt.
ST 1,5-TWIN-PE	30 31 14 4	50
D-ST 2,5-TWIN	30 30 48 8	50
DS-ST 2,5	30 36 60 2	50
ISH 1,5/0,2	32 06 13 1	50
ISH 1,5/0,5	30 31 03 4	50
SZF 0 - 0,4 x 2,5	12 04 50 4	10
ZBFM 4 /WH:UNPRINTED	08 03 57 9	10
ZB 4:UNPRINTED	08 05 00 1	10
	4.2 / 60.5 / 2.2	
	36.5 / 44	
	-	
	6 / 3	
	III / I	
	0.25 - 1.5	
	0.25 - 1.5	
	0.5	
	10	
	A 1	
	PA	
	V0	
	-	
	-	

Three-Conductor Spring Cage Terminal Block

ST 2,5-TWIN











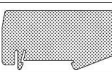




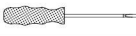
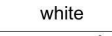



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-4	0.2-2.5	24-12	28**	800
EN 50 019*	0.2-4	0.2-2.5	24-12 25/21**	550	

* EU certificate of design approval no.: KEMA 00ATEX2052U
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** The max. load current must not be exceeded by the total current of all connected conductors.

UL vs CE KEMA

Technical data

Spring cage terminal block, for mounting on 		gray	terminal width 5.2
		blue	terminal width 5.2
		orange	terminal width 5.2
		red	terminal width 5.2
		black	terminal width 5.2
(1) End cover		gray	
(2) Segment cover, for covering projecting terminal segments		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 test connector PS and 4 mm safety test connectors, making contact in the bridge shaft			
(7) 2.3 mm test connector ¹⁾ , consisting of metal part and red insulating sleeve			
(8) Modular test connector, can be labeled with ZBFM 5			
(9) Warning cover, for the operating shafts of the "mini-spring" ST spring cage terminal blocks			
(10) Screwdriver, for actuating the tension spring			
(11) Zack marker sheet, flat, 120-section, for labeling the outer marker grooves		white	
(12) 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]	28 / 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)

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	600 / 20 / 26 - 12
	CSA/CUL: [V] / [A] / AWG	600 / 20 / 26 - 12

Type	Order No.	Pcs. Pkt.
ST 2,5-TWIN	30 31 24 1	50
ST 2,5-TWIN BU	30 31 25 4	50
ST 2,5-TWIN OG	30 31 98 2	50
ST 2,5-TWIN RD	30 31 99 5	50
ST 2,5-TWIN BK	30 37 34 2	50
D-ST 2,5-TWIN	30 30 48 8	50
DS-ST 2,5	30 36 60 2	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-TWIN	30 30 78 9	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 5	30 30 98 3	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

¹⁾ Further colors are available on request.

Three-Conductor Spring Cage Ground Terminal Block

ST 2,5-TWIN-PE



(IEC) [mm ²]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.2-4	0.2-2.5	24-12
EN 50 019*	0.2-4	0.2-2.5	24-12

* EU certificate of design approval no.: KEMA 00ATEX2052U
For installation notes and the use of accessories for EEx e applications
see www.cipline.phoenixcontact.com.
The current carrying capacity of the mounting rails should be observed.

KEMA

Technical data

Spring cage terminal block , for mounting on	green-yellow	terminal width 5.2	
(1) End cover	gray		
(2) Segment cover , for covering projecting terminal segments	gray		
(3) Insulating stop sleeve , prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:			white gray black
(4) Screwdriver , for actuating the tension spring			
(5) Zack marker sheet , flat, 120-section, for labeling the outer marker grooves			white
(6) 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]	–
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
Approval data (UL and CSA/CUL)			
Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG		26 - 12
	CSA/CUL: [V] / [A] / AWG		26 - 12

Type	Order No.	Pcs. Pkt.
ST 2,5-TWIN-PE	30 31 26 7	50
D-ST 2,5-TWIN	30 30 48 8	50
DS-ST 2,5	30 36 60 2	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
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

Three-Conductor Spring Cage Ground Terminal Block

ST 4-TWIN



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-6	0.2-4	24-10	40**	800
EN 50 019*	0.2-6	0.2-4	24-10	34/29**	550

* EU certificate of design approval no.: KEMA 00ATEX2129U
For installation notes and the use of accessories for EEx e applications see www.clipline.phoenixcontact.com.
** 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	terminal width 6.2
		blue	terminal width 6.2
		orange	terminal width 6.2
		red	terminal width 6.2
		black	terminal width 6.2
(1) End cover		gray	
(2) Segment cover, for covering projecting terminal segments		gray	
(3) Insulating stop sleeve, prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:		gray black	
		0.25-0.5 mm ² 0.75-1 mm ²	
(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 test connector PS and 4 mm safety test connectors, making contact in the bridge shaft			
(7) 2.3 mm test connector ¹⁾ , consisting of metal part and red insulating sleeve			
(8) Modular test connector, can be labeled with ZBFM 6			
(9) Warning cover, for the operating shafts of the "mini-spring" ST spring cage terminal blocks			
(10) Screwdriver, for actuating the tension spring			
(11) Zack marker sheet, flat, 100-section, for labeling the outer marker grooves		white	
(12) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges		white	
Dimensions			
Width / length / end cover width		[mm]	6.2 / 71.5 / 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]	40 / 6
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 - 4
Stranded with ferrule without plastic sleeve		[mm ²]	0.25 - 4
Stranded with TWIN ferrule with plastic sleeve		[mm ²]	0.5 - 1
Stripping length		[mm]	10
Internal cylindrical gauge (IEC 60 947-1)			A 4
Insulating material			
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		600 / 30 / 20 - 10
	CSA/CUL: [V] / [A] / AWG		600 / 30 / 20 - 10

Type	Order No.	Pcs. Pkt.
ST 4-TWIN	30 31 39 3	50
ST 4-TWIN BU	30 31 40 3	50
ST 4-TWIN OG	30 37 35 5	50
ST 4-TWIN RD	30 37 37 1	50
ST 4-TWIN BK	30 37 40 7	50
D-ST 4-TWIN	30 30 49 1	50
DS-ST 4	30 36 61 5	50
ISH 4/0,5	30 02 88 5	50
ISH 4/1	30 02 89 8	50
FBS 2-6	I _{max} : 32 A	30 30 33 6
FBS 3-6	32 A	30 30 24 2
FBS 4-6	32 A	30 30 25 5
FBS 5-6	32 A	30 30 34 9
FBS 10-6	32 A	30 30 27 1
FBS 20-6	32 A	30 30 36 5
ATP-ST-TWIN	30 30 78 9	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 6	30 30 99 6	10
WST 4	30 30 95 4	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBFM 6 /WH:UNPRINTED	08 03 61 8	10
ZB 6:UNPRINTED	10 51 00 3	10

¹⁾ Further colors are available on request.

Three-Conductor Spring Cage Ground Terminal Block

ST 4-TWIN-PE



(IEC) [mm ²]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.2-6	0.2-4	24-10
EN 50 019*	0.2-6	0.2-4	24-10

* EU certificate of design approval no.: KEMA 00ATEX2129U
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see www.clipline.phoenixcontact.com.
The current carrying capacity of the mounting rails should be observed.

UL 95 CE KEMA

Technical data

Spring cage ground terminal block, for mounting on green-yellow terminal width 6.2	
(1) End cover	gray
(2) Segment cover, for covering projecting terminal segments	gray
(3) Insulating stop sleeve, prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:	gray black 0.25-0.5 mm ² 0.75-1 mm ²
(4) Screwdriver, for actuating the tension spring	
(5) Zack marker sheet, flat, 100-section, for labeling the outer marker grooves	white
(6) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges	white
Dimensions	
Width / length / end cover width	[mm] 6.2 / 71.5 / 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] -
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 - 4
Stranded with ferrule without plastic sleeve	[mm ²] 0.25 - 4
Stranded with TWIN ferrule with plastic sleeve	[mm ²] 0.5 - 1
Stripping length	[mm] 10
Internal cylindrical gauge (IEC 60 947-1)	A 4
Insulating material	
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 20 - 10
	CSA/CUL: [V] / [A] / AWG 20 - 10

Type	Order No.	Pcs. Pkt.
ST 4-TWIN-PE	30 31 41 6	50
D-ST 4-TWIN	30 30 49 1	50
DS-ST 4	30 36 61 5	50
ISH 4/0,5	30 02 88 5	50
ISH 4/1	30 02 89 8	50
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBFM 6 /WH:UNPRINTED	08 03 61 8	10
ZB 6:UNPRINTED	10 51 00 3	10

Three-Conductor Spring Cage Terminal Block

ST 6-TWIN










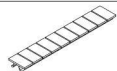


(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.5-10	0.5-6	20-8	52*	800

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

UL CE RoHS KEMA

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) Reducing bridge, to connect ST 6 with ST 2,5 or ST 4		
(4) Test adapter, for 4 mm test connector PS and 4 mm safety test connectors, making contact in the bridge shaft		
(5) 2.3 mm test connector ¹⁾ , consisting of metal part and red insulating sleeve		
(6) Modular test connector, can be labeled with ZBFM 8		
(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, 50-section, for labeling the outer marker grooves		white
(10) Zack strip, 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 ²]
Rated surge voltage / contamination class	[kV] / -
Surge voltage category / insulation material group	- / -

Capacity connection

Stranded with ferrule with plastic sleeve	[mm ²]
Stranded with ferrule without plastic sleeve	[mm ²]
Stranded with TWIN ferrule with plastic sleeve	[mm ²]

Stripping length

	[mm]
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Internal cylindrical gauge (IEC 60 947-1)

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Insulating material

Inflammability class in acc. with UL 94	
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Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG
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	CSA/CUL: [V] / [A] / AWG
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¹⁾ Further colors are available on request.

Type	Order No.	Pcs. Pkt.
ST 6-TWIN	30 36 46 6	50
ST 6-TWIN BU	30 36 47 9	50
D-ST 6-TWIN	30 36 76 7	50
FBS 2-8	I _{max} : 41 A 30 30 28 4	10
FBS 3-8	41 A 30 30 29 7	10
FBS 4-8	41 A 30 30 30 7	10
FBS 5-8	41 A 30 30 31 0	10
FBS 10-8	41 A 30 30 32 3	10
RB ST 6-(2,5/4)	I _{max} : 48 A 30 30 86 0	10
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 8	30 31 00 5	10
WST 6	30 30 96 7	10
SZF 2 - 0,8 x 4,0	12 04 52 0	10
ZBFM 8 /WH:UNPRINTED	08 00 73 4	10
ZB 8:UNPRINTED	10 52 00 2	10

	8.2 / 90.5 / 2.2
	43.5 / 51
	52 / 10
	8 / 3
	III / I
	0.5 - 6
	0.5 - 6
	0.5 - 1.5
	12
	A 5
	PA
	V0
	-
	-

Three-Conductor Spring Cage Ground Terminal Block


ST 6-TWIN-PE



(IEC) [mm ²]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.5-10	0.5-6	20-8


The current carrying capacity of the mounting rails should be observed.

Technical data

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

(1) **End cover** gray 

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

(3) **Zack marker sheet,** flat, 50-section, for labeling the outer marker grooves white 

(4) **Zack strip,** 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 ²]
Rated surge voltage / contamination class	[kV] / -
Surge voltage category / insulation material group	- / -

Capacity connection

Stranded with ferrule with plastic sleeve	[mm ²]
Stranded with ferrule without plastic sleeve	[mm ²]
Stranded with TWIN ferrule with plastic sleeve	[mm ²]

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.
ST 6-TWIN-PE	30 36 48 2	50
D-ST 6-TWIN	30 36 76 7	50
SZF 2 - 0,8 x 4,0	12 04 52 0	10
ZBFM 8 /WH:UNPRINTED	08 00 73 4	10
ZB 8:UNPRINTED	10 52 00 2	10

8.2 / 90.5 / 2.2

43.5 / 51

-

8 / 3

III / I

0.5 - 6

0,5 - 6

0.5 - 1.5

12

A 5

PA

V0

-

-

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