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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.



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Three-Conductor Spring Cage Terminal Block

ST 1,5-TWIN



(IEC) [mm²]	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.

KEMA

Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊓	gray	terminal width 4.2	**ST 1,5-TWIN**		**30 31 12 8**	**50**
	blue	terminal width 4.2	**ST 1,5-TWIN BU**		**30 31 13 1**	**50**
	orange	terminal width 4.2	**ST 1,5-TWIN OG**		**30 37 25 8**	**50**
	red	terminal width 4.2	**ST 1,5-TWIN RD**		**30 37 27 4**	**50**
	black	terminal width 4.2	**ST 1,5-TWIN BK**		**30 37 30 0**	**50**
(1) **End cover**	gray		**D-ST 2,5-TWIN**		**30 30 48 8**	**50**
(2) **Segment cover,** for covering projecting terminal segments	gray		**DS-ST 2,5**		**30 36 60 2**	**50**
(3) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections						
Cross section range:	0.2 mm²	white	**ISH 1,5/0,2**		**32 06 13 1**	**50**
	0.25-0.5 mm²	gray	**ISH 1,5/0,5**		**30 31 03 4**	**50**
(4) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-4**	$I_{max.}$: 17.5 A	**30 30 11 6**	**50**
	3-pos.		**FBS 3-4**	17.5 A	**30 30 12 9**	**50**
	4-pos.		**FBS 4-4**	17.5 A	**30 30 13 2**	**50**
	5-pos.		**FBS 5-4**	17.5 A	**30 30 14 5**	**50**
	10-pos.		**FBS 10-4**	17.5 A	**30 30 15 8**	**10**
	20-pos.		**FBS 20-4**	17.5 A	**30 30 35 2**	**10**
(5) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-ST-TWIN**		**30 30 78 9**	**50**
(6) **Test adapter,** for 4 mm ∅ test connector PS and 4 mm ∅ safety test connectors, making contact in the bridge shaft			**PAI 4**		**30 30 92 5**	**10**
(7) **Modular test connector**, for the individual assembly of test connector strips, can be labeled with ZBFM 4			**PS-4**		**30 30 97 0**	**10**
(8) **Screwdriver,** for actuating the tension spring			**SZF 0 - 0,4 x 2,5**		**12 04 50 4**	**10**
(9) **Zack marker sheet,** flat, 100-section, for labeling the outer marker grooves		white	**ZBFM 4 /WH:UNPRINTED**		**08 03 57 9**	**10**
(10) **Zack strip,** 10-section, for labeling in the terminal center and on the plug-in bridges	white		**ZB 4:UNPRINTED**		**08 05 00 1**	**10**

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] / [mm²]	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	[mm²]	0.25 - 1.5
Stranded with ferrule without plastic sleeve	[mm²]	0.25 - 1.5
Stranded with TWIN ferrule with plastic sleeve	[mm²]	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	–

Three-Conductor Spring Cage Ground Terminal Block

ST 1,5-TWIN-PE



(IEC) [mm²]	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.

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Technical data

			Type	Order No.	Pcs. Pkt.
Spring cage ground terminal block, for mounting on ⊔	green-yellow	terminal width 4.2	**ST 1,5-TWIN-PE**	**30 31 14 4**	**50**
(1) **End cover**	gray		**D-ST 2,5-TWIN**	**30 30 48 8**	**50**
(2) **Segment cover,** for covering projecting terminal segments	gray		**DS-ST 2,5**	**30 36 60 2**	**50**
(3) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections					
Cross section range:	0.2 mm²	white	**ISH 1,5/0,2**	**32 06 13 1**	**50**
	0.25-0.5 mm²	gray	**ISH 1,5/0,5**	**30 31 03 4**	**50**
(4) **Screwdriver,** for actuating the tension spring			**SZF 0 - 0,4 x 2,5**	**12 04 50 4**	**10**
(5) **Zack marker sheet,** flat, 100-section, for labeling the outer marker grooves		white	**ZBFM 4 /WH:UNPRINTED**	**08 03 57 9**	**10**
(6) **Zack strip,** 10-section, for labeling in the terminal center and on the plug-in bridges	white		**ZB 4:UNPRINTED**	**08 05 00 1**	**10**

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] / [mm²]	–
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 - 1.5
Stranded with ferrule without plastic sleeve	[mm²]	0.25 - 1.5
Stranded with TWIN ferrule with plastic sleeve	[mm²]	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	–

Three-Conductor Spring Cage Terminal Block

ST 2,5-TWIN



(IEC) [mm²]	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
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.

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Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**ST 2,5-TWIN**		**30 31 24 1**	**50**
	blue	terminal width 5.2	**ST 2,5-TWIN BU**		**30 31 25 4**	**50**
	orange	terminal width 5.2	**ST 2,5-TWIN OG**		**30 31 98 2**	**50**
	red	terminal width 5.2	**ST 2,5-TWIN RD**		**30 31 99 5**	**50**
	black	terminal width 5.2	**ST 2,5-TWIN BK**		**30 37 34 2**	**50**
(1) **End cover**	gray		**D-ST 2,5-TWIN**		**30 30 48 8**	**50**
(2) **Segment cover,** for covering projecting terminal segments	gray		**DS-ST 2,5**		**30 36 60 2**	**50**
(3) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections						
Cross section range:	0.2 mm²	white	**ISH 2,5/0,2**		**30 02 84 3**	**50**
	0.25-0.5 mm²	gray	**ISH 2,5/0,5**		**30 02 85 6**	**50**
	0.75-1 mm²	black	**ISH 2,5/1**		**30 02 86 9**	**50**
(4) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-5**	I_{max}.: 24 A	**30 30 16 1**	**50**
	3-pos.		**FBS 3-5**	24 A	**30 30 17 4**	**50**
	4-pos.		**FBS 4-5**	24 A	**30 30 18 7**	**50**
	5-pos.		**FBS 5-5**	24 A	**30 30 19 0**	**50**
	10-pos.		**FBS 10-5**	24 A	**30 30 21 3**	**10**
	20-pos.		**FBS 20-5**	24 A	**30 30 22 6**	**10**
(5) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-ST-TWIN**		**30 30 78 9**	**50**
(6) **Test adapter,** for 4 mm ∅ test connector PS and 4 mm ∅ safety test connectors, making contact in the bridge shaft			**PAI 4**		**30 30 92 5**	**10**
(7) **2.3 mm ∅ test connector** [1]**),** consisting of metal part and red insulating sleeve			**MPS-RD**		**02 01 55 3**	**10**
(8) **Modular test connector,** can be labeled with ZBFM 5			**PS 5**		**30 30 98 3**	**10**
(9) **Warning cover,** for the operating shafts of the "mini-spring" ST spring cage terminal blocks			**WST 2,5**		**30 30 94 1**	**10**
(10) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(11) **Zack marker sheet,** flat, 120-section, for labeling the outer marker grooves		white	**ZBFM 5 /WH:UNPRINTED**		**08 03 59 5**	**10**
(12) **Zack strip,** 10-section, for labeling in the terminal center and on the plug-in bridges	white		**ZB 5:UNPRINTED**		**10 50 00 4**	**10**

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] / [mm²]	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	[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	600 / 20 / 26 - 12
	CSA/CUL: [V] / [A] / AWG	600 / 20 / 26 - 12

[1]) Further colors are available on request.

Three-Conductor Spring Cage Ground Terminal Block

ST 2,5-TWIN-PE



(IEC) [mm²]	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.clipline.phoenixcontact.com.
The current carrying capacity of the mounting rails should be observed.

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Technical data

			Type	Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	green-yellow	terminal width 5.2	**ST 2,5-TWIN-PE**	**30 31 26 7**	**50**
(1) **End cover**	gray		**D-ST 2,5-TWIN**	**30 30 48 8**	**50**
(2) **Segment cover,** for covering projecting terminal segments	gray		**DS-ST 2,5**	**30 36 60 2**	**50**
(3) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections					
Cross section range:	0.2 mm²	white	**ISH 2,5/0,2**	**30 02 84 3**	**50**
	0.25-0.5 mm²	gray	**ISH 2,5/0,5**	**30 02 85 6**	**50**
	0.75-1 mm²	black	**ISH 2,5/1**	**30 02 86 9**	**50**
(4) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**	**12 04 51 7**	**10**
(5) **Zack marker sheet,** flat, 120-section, for labeling the outer marker grooves		white	**ZBFM 5 /WH:UNPRINTED**	**08 03 59 5**	**10**
(6) **Zack strip,** 10-section, for labeling in the terminal center and on the plug-in bridges	white		**ZB 5:UNPRINTED**	**10 50 00 4**	**10**

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] / [mm²]	–
Rated surge voltage / contamination class	[kV] / –	8 / 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	26 - 12
	CSA/CUL: [V] / [A] / AWG	26 - 12

Three-Conductor Spring Cage Ground Terminal Block

ST 4-TWIN



(IEC) [mm²]	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.

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Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 6.2	**ST 4-TWIN**		**30 31 39 3**	**50**
	blue	terminal width 6.2	**ST 4-TWIN BU**		**30 31 40 3**	**50**
	orange	terminal width 6.2	**ST 4-TWIN OG**		**30 37 35 5**	**50**
	red	terminal width 6.2	**ST 4-TWIN RD**		**30 37 37 1**	**50**
	black	terminal width 6.2	**ST 4-TWIN BK**		**30 37 40 7**	**50**
(1) **End cover**	gray		**D-ST 4-TWIN**		**30 30 49 1**	**50**
(2) **Segment cover,** for covering projecting terminal segments	gray		**DS-ST 4**		**30 36 61 5**	**50**
(3) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections						
Cross section range:	0.25-0.5 mm²	gray	**ISH 4/0,5**		**30 02 88 5**	**50**
	0.75-1 mm²	black	**ISH 4/1**		**30 02 89 8**	**50**
(4) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-6**	I_{max}.: 32 A	**30 30 33 6**	**50**
	3-pos.		**FBS 3-6**	32 A	**30 30 24 2**	**50**
	4-pos.		**FBS 4-6**	32 A	**30 30 25 5**	**50**
	5-pos.		**FBS 5-6**	32 A	**30 30 34 9**	**50**
	10-pos.		**FBS 10-6**	32 A	**30 30 27 1**	**10**
	20-pos.		**FBS 20-6**	32 A	**30 30 36 5**	**10**
(5) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-ST-TWIN**		**30 30 78 9**	**50**
(6) **Test adapter,** for 4 mm ∅ test connector PS and 4 mm ∅ safety test connectors, making contact in the bridge shaft			**PAI 4**		**30 30 92 5**	**10**
(7) **2.3 mm ∅ test connector [1],** consisting of metal part and red insulating sleeve			**MPS-RD**		**02 01 55 3**	**10**
(8) **Modular test connector,** can be labeled with ZBFM 6			**PS 6**		**30 30 99 6**	**10**
(9) **Warning cover,** for the operating shafts of the "mini-spring" ST spring cage terminal blocks			**WST 4**		**30 30 95 4**	**10**
(10) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(11) **Zack marker sheet,** flat, 100-section, for labeling the outer marker grooves		white	**ZBFM 6 /WH:UNPRINTED**		**08 03 61 8**	**10**
(12) **Zack strip,** 10-section, for labeling in the terminal center and on the plug-in bridges	white		**ZB 6:UNPRINTED**		**10 51 00 3**	**10**

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] / [mm²]	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	[mm²]	0.25 - 4
Stranded with ferrule without plastic sleeve	[mm²]	0.25 - 4
Stranded with TWIN ferrule with plastic sleeve	[mm²]	0.5 - 1
Stripping length	[mm]	10
Internal cylindrical gauge (IEC 60 947-1)		A 4
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	600 / 30 / 20 - 10
	CSA/CUL: [V] / [A] / AWG	600 / 30 / 20 - 10

[1]) Further colors are available on request.

Three-Conductor Spring Cage Ground Terminal Block

ST 4-TWIN-PE



(IEC) [mm²]	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
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.

KEMA

Technical data

			Type	Order No.	Pcs. Pkt.
Spring cage ground terminal block, for mounting on ⊔	green-yellow	terminal width 6.2	**ST 4-TWIN-PE**	**30 31 41 6**	**50**
(1) **End cover**	gray		**D-ST 4-TWIN**	**30 30 49 1**	**50**
(2) **Segment cover,** for covering projecting terminal segments	gray		**DS-ST 4**	**30 36 61 5**	**50**
(3) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections					
Cross section range: 0.25-0.5 mm²		gray	**ISH 4/0,5**	**30 02 88 5**	**50**
0.75-1 mm²		black	**ISH 4/1**	**30 02 89 8**	**50**
(4) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**	**12 04 51 7**	**10**
(5) **Zack marker sheet,** flat, 100-section, for labeling the outer marker grooves		white	**ZBFM 6 /WH:UNPRINTED**	**08 03 61 8**	**10**
(6) **Zack strip,** 10-section, for labeling in the terminal center and on the plug-in bridges	white		**ZB 6:UNPRINTED**	**10 51 00 3**	**10**

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] / [mm²]	–
Rated surge voltage / contamination class	[kV] / –	8 / 3
Surge voltage category / insulation material group	– / –	III / I
Capacity connection		
Stranded with ferrule with plastic sleeve	[mm²]	0.25 - 4
Stranded with ferrule without plastic sleeve	[mm²]	0.25 - 4
Stranded with TWIN ferrule with plastic sleeve	[mm²]	0.5 - 1
Stripping length	[mm]	10
Internal cylindrical gauge (IEC 60 947-1)		A 4
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	20 - 10
	CSA/CUL: [V] / [A] / AWG	20 - 10

Three-Conductor Spring Cage Terminal Block

ST 6-TWIN



(IEC) [mm²]	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.

cULus KEMA

Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 8.2	**ST 6-TWIN**		**30 36 46 6**	**50**
	blue	terminal width 8.2	**ST 6-TWIN BU**		**30 36 47 9**	**50**
(1) **End cover**	gray		**D-ST 6-TWIN**		**30 36 76 7**	**50**
(2) **Plug-in bridge,** for cross-connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos.		**FBS 2-8** **FBS 3-8** **FBS 4-8** **FBS 5-8** **FBS 10-8**	$I_{max.}$: 41 A 41 A 41 A 41 A 41 A	**30 30 28 4** **30 30 29 7** **30 30 30 7** **30 30 31 0** **30 30 32 3**	**10** **10** **10** **10** **10**
(3) **Reducing bridge,** to connect ST 6 with ST 2,5 or ST 4			**RB ST 6-(2,5/4)**	$I_{max.}$: 48 A	**30 30 86 0**	**10**
(4) **Test adapter,** for 4 mm ∅ test connector PS and 4 mm ∅ safety test connectors, making contact in the bridge shaft			**PAI 4**		**30 30 92 5**	**10**
(5) **2.3 mm ∅ test connector** [1], consisting of metal part and red insulating sleeve			**MPS-RD**		**02 01 55 3**	**10**
(6) **Modular test connector,** can be labeled with ZBFM 8			**PS 8**		**30 31 00 5**	**10**
(7) **Warning cover,** for the operating shafts of the “mini-spring” ST spring cage terminal blocks			**WST 6**		**30 30 96 7**	**10**
(8) **Screwdriver,** for actuating the tension spring			**SZF 2 - 0,8 x 4,0**		**12 04 52 0**	**10**
(9) **Zack marker sheet,** flat, 50-section, for labeling the outer marker grooves		white	**ZBFM 8 /WH:UNPRINTED**		**08 00 73 4**	**10**
(10) **Zack strip,** 10-section, for labeling in the terminal center and on the plug-in bridges	white		**ZB 8:UNPRINTED**		**10 52 00 2**	**10**

Dimensions		
Width / length / end cover width	[mm]	8.2 / 90.5 / 2.2
Height (NS 35:7.5 / NS 35:15)	[mm]	43.5 / 51
Technical data in accordance with IEC/ DIN VDE		
Maximum load current/ cross section	[A] / [mm²]	52 / 10
Rated surge voltage / contamination class	[kV] / –	8 / 3
Surge voltage category / insulation material group	– / –	III / I
Capacity connection		
Stranded with ferrule with plastic sleeve	[mm²]	0.5 - 6
Stranded with ferrule without plastic sleeve	[mm²]	0.5 - 6
Stranded with TWIN ferrule with plastic sleeve	[mm²]	0.5 - 1.5
Stripping length	[mm]	12
Internal cylindrical gauge (IEC 60 947-1)		A 5
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	–

[1]) Further colors are available on request.

Three-Conductor Spring Cage Ground Terminal Block

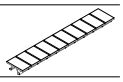
ST 6-TWIN-PE



(IEC) [mm²]	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]	8.2 / 90.5 / 2.2
Height (NS 35:7.5 / NS 35:15)	[mm]	43.5 / 51
Technical data in accordance with IEC/ DIN VDE		
Maximum load current/ cross section	[A] / [mm²]	–
Rated surge voltage / contamination class	[kV] / –	8 / 3
Surge voltage category / insulation material group	– / –	III / I
Capacity connection		
Stranded with ferrule with plastic sleeve	[mm²]	0.5 - 6
Stranded with ferrule without plastic sleeve	[mm²]	0.,5 - 6
Stranded with TWIN ferrule with plastic sleeve	[mm²]	0.5 - 1.5
Stripping length	[mm]	12
Internal cylindrical gauge (IEC 60 947-1)		A 5
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 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**

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