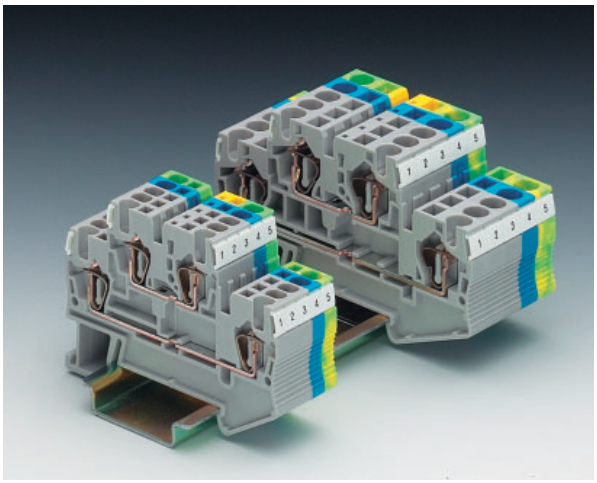
Double-Level Spring Cage Terminal Blocks STTB

The potentials of the STTB double-level terminal blocks routed on two levels reduce space requirements compared with single level terminal blocks by 50%. The STTB series can be bridged on both levels with the plug-in bridge system FBS for the most varied switching tasks. Labeling options are provided on each terminal point.
The hybrid variants PE/L, PE/N and L/N were created by combining double-level feed-through terminal blocks and ground terminal blocks of the same shape. Types PE/L- and PE/N- provide ground conductor contact with the mounting rail in the lower level. The upper level is designed as a feed-through level. The color coding of the PE and N levels makes clear and unambiguous potential distribution possible.



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Double-Level Spring Cage Terminal Block

STTB 1,5

(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

* EC Prototype certificate no.: KEMA 01ATEX2129U
For information on installation and usage of accessories for EEx e applications, see www.clipline.phoenixcontact.com.

KEMA

Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 4.2	**STTB 1,5**		**30 31 15 7**	**50**
	blue	terminal width 4.2	**STTB 1,5 BU**		**30 31 16 0**	**50**
	gray	terminal width 4.2	**STTB 1,5 PV [1])**		**30 31 52 6**	**50**
(1) **End cover**	gray		**D-STTB 2,5**		**30 30 45 9**	**50**
(2) **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**
(3) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-4**	$I_{max.}$: 15 A	**30 30 11 6**	**50**
	3-pos.		**FBS 3-4**	15 A	**30 30 12 9**	**50**
	4-pos.		**FBS 4-4**	15 A	**30 30 13 2**	**50**
	5-pos.		**FBS 5-4**	15 A	**30 30 14 5**	**50**
	10-pos.		**FBS 10-4**	15 A	**30 30 15 8**	**10**
	20-pos.		**FBS 20-4**	15 A	**30 30 35 2**	**10**
(4) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-STTB 4**		**30 30 74 7**	**50**
(5) **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**
(6) **Modular test connector**, for individual assembly of test connector strips, can be labeled with ZBFM 4			**PS-4**		**30 30 97 0**	**10**
(7) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 4 and ZBFM 4			**STP 4-2**		**08 10 57 5**	**10**
(8) **Warning cover,** for the operating shafts of the "mini-spring" ST spring cage terminal blocks			**WST 1,5**		**30 30 95 8**	**10**
(9) **Screwdriver,** for actuating the tension spring			**SZF 0 - 0,4 x 2,5**		**12 04 50 4**	**10**
(10) **Zack marker sheet,** flat, 100-section, for labeling the outer marker grooves		white	**ZBFM 4 /WH:UNPRINTED**		**08 03 57 9**	**10**

Dimensions		
Width / length / end cover width	[mm]	4.2 / 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]	17.5 / 1.5
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		
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	–

[1]) With equipotential bonding between the levels.
The max. load current must not be exceeded by the residual current of all connected conductors.

Double-Level Ground Terminal Block

STTB 1,5-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

* EC Prototype certificate no.: KEMA 01ATEX2129U
For information on installation and usage of accessories for EEx e applications, see www.clipline.phoenixcontact.com.
Observe the current carrying capacity of mounting rails.

KEMA

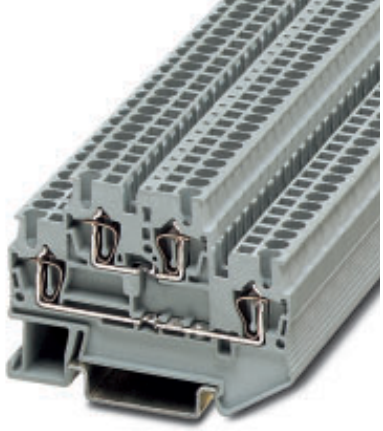
Technical data

			Type	Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	green-yellow	terminal width 4.2	**STTB 1,5-PE**	**30 36 01 3**	**50**
(1) **End cover**	gray		**D-STTB 2,5**	**30 30 45 9**	**50**
(2) **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**
(3) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 4 and ZBFM 4			**STP 4-2**	**08 10 57 5**	**10**
(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**

Dimensions		
Width / length / end cover width	[mm]	4.2 / 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]	–
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		
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	–

Double-Level Spring Cage Terminal Block

STTB 2,5



(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	26	500
EN 50 019*	0.2-4	0.2-2.5	24-12	23/19	420

* EC Prototype certificate no.: KEMA 00ATEX2052U
For information on installation and usage of accessories for EEx e applications, see www.clipline.phoenixcontact.com.

KEMA

Technical data

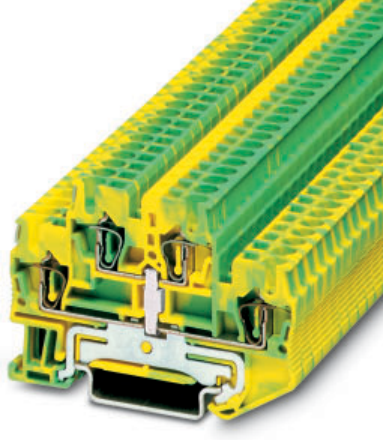
			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**STTB 2,5**		**30 31 27 0**	**50**
	blue	terminal width 5.2	**STTB 2,5 BU**		**30 31 28 3**	**50**
	gray	terminal width 5.2	**STTB 2,5 PV [1])**		**30 31 53 9**	**50**
(1) **End cover**	gray		**D-STTB 2,5**		**30 30 45 9**	**50**
(2) **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**
(3) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-5**	$I_{max.}$: 20 A	**30 30 16 1**	**50**
	3-pos.		**FBS 3-5**	20 A	**30 30 17 4**	**50**
	4-pos.		**FBS 4-5**	20 A	**30 30 18 7**	**50**
	5-pos.		**FBS 5-5**	20 A	**30 30 19 0**	**50**
	10-pos.		**FBS 10-5**	20 A	**30 30 21 3**	**10**
	20-pos.		**FBS 20-5**	20 A	**30 30 22 6**	**10**
(4) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-STTB 4**		**30 30 74 7**	**50**
(5) **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**
(6) **Modular test connector**, for individual assembly of test connector strips, can be labeled with ZBFM 5			**PS-5**		**30 30 98 3**	**10**
(7) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBFM 5			**STP 5-2**		**08 00 96 7**	**10**
(8) **Warning cover,** for the operating shafts of the "mini-spring" ST spring cage terminal blocks			**WST 2,5**		**30 30 94 1**	**10**
(9) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(10) **Zack marker sheet,** flat, 120-section, for labeling the outer marker grooves		white	**ZBFM 5 /WH:UNPRINTED**		**08 03 59 5**	**10**

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
Connection capacity		
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

[1]) With equipotential bonding between the levels.
The max. load current must not be exceeded by the residual current of all connected conductors.

Double-Level Ground Terminal Block

STTB 2,5-PE

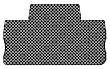
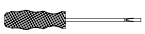


(IEC) [mm²]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.2-4	0.2-2.5	24-12
EN 50 019*	0.2-4	0.2-2.5	24-12

* EC Prototype certificate no.: KEMA 00ATEX2052U
For information on installation and usage of accessories for EEx e applications, see www.clipline.phoenixcontact.com.
Observe the current carrying capacity of mounting rails.

KEMA

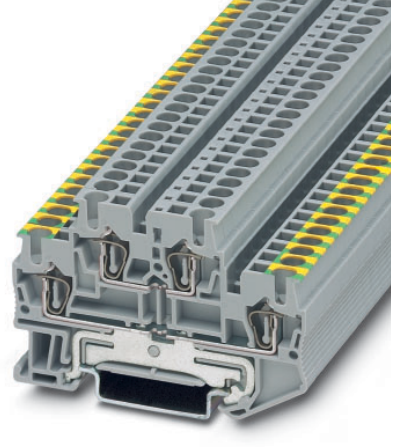
Technical data

			Type	Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	green-yellow	terminal width 5.2	**STTB 2,5-PE**	**30 36 02 6**	**50**
(1) **End cover**	gray		**D-STTB 2,5**	**30 30 45 9**	**50**
(2) **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**
(3) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBFM 5			**STP 5-2**	**08 00 96 7**	**10**
(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**

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]	–
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		
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	–
	CSA/CUL: [V] / [A] / AWG	–

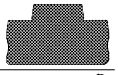
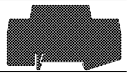
Double-Level Spring Cage Terminal Block

STTB 2,5-PE/L



(IEC) [mm²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
DIN VDE 0611	0.2-4	0.2-2.5	24-12	32	500

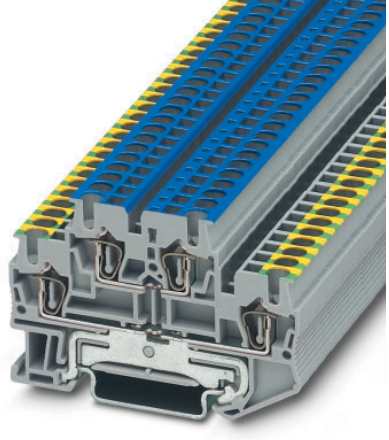
Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**STTB 2,5-PE/L**		**30 36 31 4**	**50**
(1) **End cover**	gray		**D-STTB 2,5**		**30 30 45 9**	**50**
(2) **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**
(3) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-5**	$I_{max.}$: 20 A	**30 30 16 1**	**50**
	3-pos.		**FBS 3-5**	20 A	**30 30 17 4**	**50**
	4-pos.		**FBS 4-5**	20 A	**30 30 18 7**	**50**
	5-pos.		**FBS 5-5**	20 A	**30 30 19 0**	**50**
	10-pos.		**FBS 10-5**	20 A	**30 30 21 3**	**10**
	20-pos.		**FBS 20-5**	20 A	**30 30 22 6**	**10**
(4) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-STTB 4**		**30 30 74 7**	**50**
(5) **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**
(6) **Modular test connector**, for individual assembly of test connector strips, can be labeled with ZBFM 5			**PS-5**		**30 30 98 3**	**10**
(7) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBFM 5			**STP 5-2**		**08 00 96 7**	**10**
(8) **Warning cover,** for the operating shafts of the “mini-spring” ST spring cage terminal blocks			**WST 2,5**		**30 30 94 1**	**10**
(9) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(10) **Zack marker sheet,** flat, 120-section, for labeling the outer marker grooves		white	**ZBFM 5 /WH:UNPRINTED**		**08 03 59 5**	**10**

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]	32 / 4
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		
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	–
	CSA/CUL: [V] / [A] / AWG	–

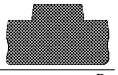
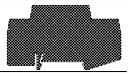
Double-Level Spring Cage Terminal Block

STTB 2,5-PE/N



(IEC) [mm²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
DIN VDE 0611	0.2-4	0.2-2.5	24-12	32	500

Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**STTB 2,5-PE/N**		**30 36 32 7**	**50**
(1) **End cover**	gray		**D-STTB 2,5**		**30 30 45 9**	**50**
(2) **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**
(3) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-5**	$I_{max.}$: 20 A	**30 30 16 1**	**50**
	3-pos.		**FBS 3-5**	20 A	**30 30 17 4**	**50**
	4-pos.		**FBS 4-5**	20 A	**30 30 18 7**	**50**
	5-pos.		**FBS 5-5**	20 A	**30 30 19 0**	**50**
	10-pos.		**FBS 10-5**	20 A	**30 30 21 3**	**10**
	20-pos.		**FBS 20-5**	20 A	**30 30 22 6**	**10**
(4) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-STTB 4**		**30 30 74 7**	**50**
(5) **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**
(6) **Modular test connector**, for individual assembly of test connector strips, can be labeled with ZBFM 5			**PS-5**		**30 30 98 3**	**10**
(7) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBFM 5			**STP 5-2**		**08 00 96 7**	**10**
(8) **Warning cover,** for the operating shafts of the “mini-spring” ST spring cage terminal blocks			**WST 2,5**		**30 30 94 1**	**10**
(9) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(10) **Zack marker sheet,** flat, 120-section, for labeling the outer marker grooves		white	**ZBFM 5 /WH:UNPRINTED**		**08 03 59 5**	**10**

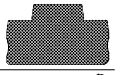
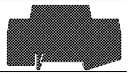
Dimensions		
Width / length / end cover width	[mm]	5.2 / 67.5 / 2.2
Height (NS 35:7.5 / NS 35:15)	[mm]	47.5 / 55
Technical data in accordance with IEC/ DIN VDE		
Maximum load current / cross section	[A] / [mm²]	32 / 4
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		
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	–
	CSA/CUL: [V] / [A] / AWG	–

Double-Level Spring Cage Terminal Block

STTB 2,5-L/N

(IEC) [mm²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
DIN VDE 0611	0.2-4	0.2-2.5	24-12	26	500

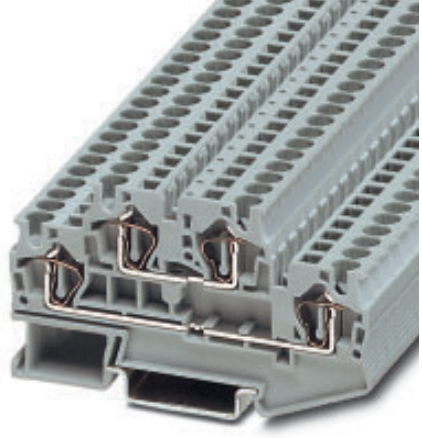
Technical data

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**STTB 2,5-L/N**		**30 36 33 0**	**50**
(1) **End cover**	gray		**D-STTB 2,5**		**30 30 45 9**	**50**
(2) **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**
(3) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-5**	$I_{max.}$: 20 A	**30 30 16 1**	**50**
	3-pos.		**FBS 3-5**	20 A	**30 30 17 4**	**50**
	4-pos.		**FBS 4-5**	20 A	**30 30 18 7**	**50**
	5-pos.		**FBS 5-5**	20 A	**30 30 19 0**	**50**
	10-pos.		**FBS 10-5**	20 A	**30 30 21 3**	**10**
	20-pos.		**FBS 20-5**	20 A	**30 30 22 6**	**10**
(4) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-STTB 4**		**30 30 74 7**	**50**
(5) **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**
(6) **Modular test connector**, for individual assembly of test connector strips, can be labeled with ZBFM 5			**PS-5**		**30 30 98 3**	**10**
(7) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBFM 5			**STP 5-2**		**08 00 96 7**	**10**
(8) **Warning cover,** for the operating shafts of the “mini-spring” ST spring cage terminal blocks			**WST 2,5**		**30 30 94 1**	**10**
(9) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(10) **Zack marker sheet,** flat, 120-section, for labeling the outer marker grooves		white	**ZBFM 5 /WH:UNPRINTED**		**08 03 59 5**	**10**

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
Connection capacity		
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	–
	CSA/CUL: [V] / [A] / AWG	–

Double-Level Spring Cage Terminal Block

STTB 4

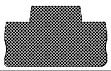
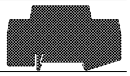
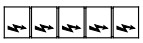


(IEC) [mm²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-6	0.2-4	24-10	32	500
EN 50 019*	0.2-6	0.2-4	24-10	30/27	420

* EC Prototype certificate no.: KEMA 00ATEX2129U
For information on installation and usage of accessories for EEx e applications, see www.clipline.phoenixcontact.com.

KEMA

Technical data

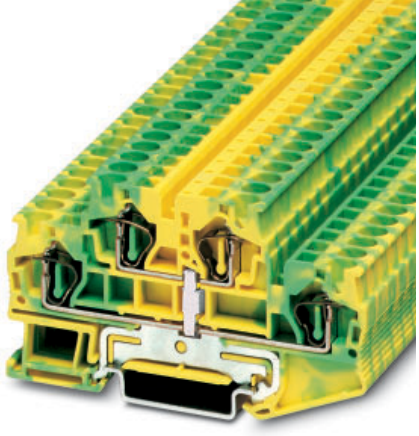
			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 6.2	**STTB 4**		**30 31 42 9**	**50**
	blue	terminal width 6.2	**STTB 4 BU**		**30 31 43 2**	**50**
	gray	terminal width 6.2	**STTB 4 PV [1])**		**30 31 54 2**	**50**
(1) **End cover**	gray		**D-STTB 4**		**30 30 46 2**	**50**
(2) **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**
(3) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-6**	$I_{max.}$: 22 A	**30 30 33 6**	**50**
	3-pos.		**FBS 3-6**	22 A	**30 30 24 2**	**50**
	4-pos.		**FBS 4-6**	22 A	**30 30 25 5**	**50**
	5-pos.		**FBS 5-6**	22 A	**30 30 34 9**	**50**
	10-pos.		**FBS 10-6**	22 A	**30 30 27 1**	**10**
	20-pos.		**FBS 20-6**	22 A	**30 30 36 5**	**10**
(4) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-STTB 4**		**30 30 74 7**	**50**
(5) **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**
(6) **Modular test connector**, for individual assembly of test connector strips, can be labeled with ZBFM 6			**PS-6**		**30 30 99 6**	**10**
(7) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBFM 5			**STP 5-2**		**08 00 96 7**	**10**
(8) **Warning cover,** for the operating shafts of the “mini-spring” ST spring cage terminal blocks			**WST 4**		**30 30 95 4**	**10**
(9) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(10) **Zack marker sheet,** flat, 100-section, for labeling the outer marker grooves		white	**ZBFM 6 /WH:UNPRINTED**		**08 03 61 8**	**10**

Dimensions		
Width / length / end cover width	[mm]	6.2 / 83.5 / 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]	32 / 6
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		
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	300 / 30 / 20 - 10
	CSA/CUL: [V] / [A] / AWG	300 / 30 / 20 - 10

[1]) With equipotential bonding between the levels.
The max. load current must not be exceeded by the residual current of all connected conductors.

Double-Level Ground Terminal Block

STTB 4-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

* EC Prototype certificate no.: KEMA 00ATEX2129U
For information on installation and usage of accessories for EEx e applications, see www.clipline.phoenixcontact.com.
Observe the current carrying capacity of mounting rails.

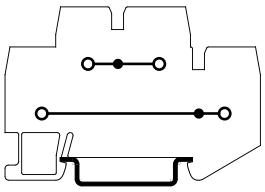
KEMA

Technical data

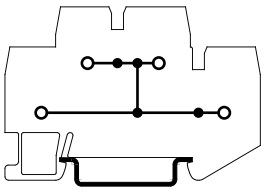
			Type	Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	green-yellow	terminal width 6.2	**STTB 4-PE**	**30 36 03 9**	**50**
(1) **End cover**	gray		**D-STTB 4**	**30 30 46 2**	**50**
(2) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller 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**
(3) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBFM 5			**STP 5-2**	**08 00 96 7**	**10**
(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**

Dimensions		
Width / length / end cover width	[mm]	6.2 / 83.5 / 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]	–
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		
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 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	–
	CSA/CUL: [V] / [A] / AWG	–

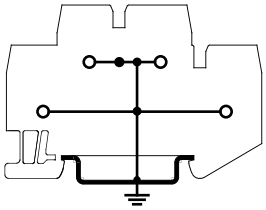
Technical data



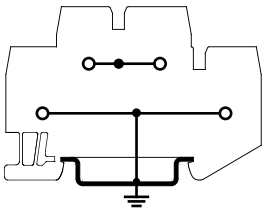
STTB 1,5, STTB 2,5, STTB 2,5-L/N



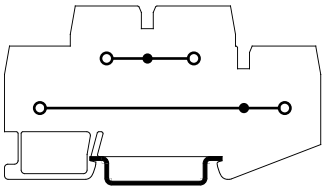
STTB 1,5-PV, STTB 2,5-PV



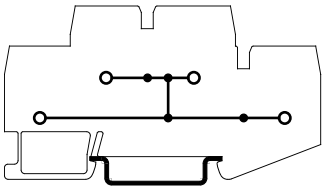
STTB 1,5-PE, STTB 2,5-PE



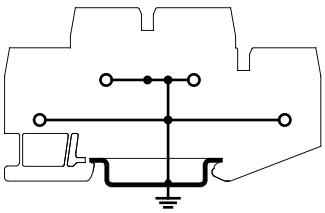
STTB 2,5-PE/L, STTB 2,5-PE/N



STTB 4



STTB 4-PV



STTB 4-PE