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Spring Cage Installation Terminal Blocks STI 2,5 and STI 4

The asymmetrically arranged terminal foot makes the STI series stand out against standard terminal blocks. This foot makes it possible to route the neutral busbar past the terminal strip and to fix it in the insulated supports. The neutral busbar makes contact via the screwless neutral-disconnect slide by simple levering with a screwdriver. Considerable space savings in the control cabinet can be made by using the "mini-spring" spring cage system, without having to give up the familiar high quality features such as the generous labeling option, maximum connection space and the flexible plug-in bridge system.

Assembly

In order to achieve a reliable contact between the disconnect slide and the neutral busbar, the AB-STI supports must be mounted at the beginning and end of each terminal strip or, in the case of longer terminal strips, approx. every 20 cm.



Spring Cage Installation Terminal Block STI 2,5



Technical data		Туре	Order No.	Pcs.
				Pkt.
Spring cage installation terminal block, for mounting on gray	terminal width 5.2	STI 2,5	30 31 92 4	50
for mounting on gray	terminal width 5.2	STI 2,5 BU	31 36 21 7	50
(1) End cover gray		D-STI 2,5	30 30 56 9	50
(2) Insulating stop sleeve, prevents unintention				
of insulation in the case of smaller cross section: Cross section range: 0.2 mm ²	white	ISH 2,5/0,2	30 02 84 3	50
0.25-0.5 mm ²	gray	ISH 2,5/0,5	30 02 85 6	50
0.75-1 mm ²	black	ISH 2,5/1	30 02 86 9	50
(3) Plug-in bridge, 2-pos.		FBS 2-5 I _{max} .: 24 A	30 30 16 1	10
for cross connections in the 3-pos.		FBS 3-5 24 A	3/0 30 17 4	10
terminal center 4-pos.		FBS 4-5 24 A	30 30 18 7	10
5-pos.		FBS 5-5 24 A	30 30 19 0	10
10-pos.	00 0000	FBS 10-5 24 A	30 30 21 3	10
20-pos.		FBS 20-5 24 A	30 30 22 6	10
(4) Test adapter, for 4 mm Ø test connector PS and 4 mm Ø safety test connector, making contact in the bridge shaft		PAI 4	30 30 92 5	10
(5) 2.3 mm Ø test connector 1), consisting of	***************************************	MPS-RD	02 01 55 3	10
metal part and red insulating sleeve (6) Reducing plug		RPS	02 01 64 7	10
(7) Screwdriver , for actuating the tension spring		SZF 1 - 0,6 x 3,5	12 04 51 7	10
(8) Zack marker sheet , flat, 120-section, for labeling the outer marker grooves	white	ZBFM 5 /WH:UNPRINTED	08 03 59 5	10
ğ ç				
(9) Zack strip, 10-section, for labeling in the terminal center white and on the plug-in bridges		ZB 5: UNPRINTED	10 50 00 4	10
Dimensions	•			
Width / length /end cover width	[mm]	5.2 / 5	59.5 / 2.2	
Height (NS 35:7.5 / NS 35:15)	[mm]	43	/ 50.5	
Technical data in accordance with IEC/ DIN V	DE			
Maximum load current / cross section	[A] / [mm ²]	3	2 / 4	
Rated surge voltage / contamination class	[kV] / –		6/3	
Surge voltage category / insulation material grou	ip -/-		III / I	
Connection capacity				
Stranded with ferrule with plastic sleeve	[mm ²]	0.2	5 - 2.5	
Stranded with ferrule without plastic sleeve	[mm ²]	0.2	5 - 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	
Insulation material			PA	
Inflammability class in accordance with UL 94			V0	
Approval data (UL and CSA/CUL)			-	
	UL: [V] / [A] / AWG		_	
	UL: [V] / [A] / AWG		_	
004/0	[•] <i>,</i> [, ij <i>, ,</i> (• • •			

¹) Further colors are available on request.

Spring Cage Ground Terminal Block STI 2,5-PE



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

(1) End cover gray (2) Insulating stop sleeve, prevents unintentional clamping of 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) Screwdriver, for actuating the tension spring (4) Zack marker sheet, flat, 120-section, for labeling in the terminal center and on the plug-in bridges Dimensions Width / length /end cover width [mm] Height (NS 35:7.5 / NS 35:15) [mm] Maximum load current / cross section [A] / [mm²] Rated surge voltage / contamination class [kV] / Surge voltage actagory / insulation material group Tennection capacity Stranded with Ferrule with plastic sleeve [mm²] Stranded with TWIN ferrule with plastic sleeve [mm²] Stranded with TWIN ferrule with plastic sleeve [mm²] Internal cylindrical gauge (IEC 60 947-1) [mm] Internal cylindrical gauge (IEC 60 947-1) [mm] Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG D-STI 2,5 30 02 86 9 30 02 84 3 [SH 2,5/0,5 2] SSF 1 - 0,6 x 3,5 12 04 51 7 SZF 1 - 0,6 x 3,5 ISH 2,5/0,5 SZF 1 - 0,6 x 3,5 ISH 2,5/0,5 SZF 1 - 0,6 x 3,5 ISH 2,5/0,5 ISH 2,5/0,5 ISH 2,5/0,5 ISH 2,5/0,5 ISH 2,5/0,5 ISH 2,5/0,5	Technical data			Туре	Order No.	<u>Pcs.</u> Pkt.
(2) Insulating stop sleeve, prevents unintentional clamping of insulation in the case of smaller cross sections Cross section range: 0.2 mm² gray ish 2,5/0,5 30 02 84 3 0.25-0.5 mm² gray ish 2,5/0,5 30 02 86 9 (3) Screwdriver, for actuating the tension spring SZF 1 - 0,6 x 3,5 12 04 51 7 (4) Zack marker sheet, flat, 120-section, for labeling the outer marker grooves white or labeling the terminal center and on the plug-in bridges Dimensions Dimensions Dimensions White Sz 5: UNPRINTED 10 50 00 4 ZB 5: UNPRINTED 10 50 00 4			terminal width 5.2	STI 2,5-PE	30 31 93 7	50
cri insulation in the case of smaller cross sections Cross section range: 0.2 mm² 0.25-0.5 mm² 0.75-1 mm² 0.7	(1) End cover	gray		D-STI 2,5	30 30 56 9	50
actuating the tension spring (4) Zack marker sheet, flat, 120-section, for labeling the outer marker grooves white (5) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges Dimensions Width / length /end cover width Height (NS 35:7.5 / NS 35:15) Rated surge voltage / contamination class Surge voltage category / insulation material group Tennection capacity Stranded with ferrule with plastic sleeve Stranded with TWIN ferrule with plastic sleeve Stripping length Internal cylindrical gauge (IEC 60 947-1) Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG ZB 5: UNPRINTED 10 50 00 4 2B 5: UNPRINTED 10 50 00 00 4 2B 5: UNPRINTED 10 50 00 00 00 00 10	of insulation in the case of s	maller cross section: 0.2 mm ² 0.25-0.5 mm ²	s white gray	ISH 2,5/0,5	30 02 85 6	50 50 50
for labeling the outer marker grooves white ZBFM 5 /WH:UNPRINTED 08 03 59 5 (5) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges Dimensions Width / length /end cover width Height (NS 35:7.5 / NS 35:15) Technical data in accordance with IEC/ DIN VDE Maximum load current / cross section Auximum load current / cross section Surge voltage / contamination class Surge voltage category / insulation material group Connection capacity Stranded with ferrule with plastic sleeve Stranded with TWIN ferrule with plastic sleeve Imm² Stranded with TWIN ferrule with plastic sleeve Imm² Total surge voltage (IEC 60 947-1) Internal cylindrical gauge (IEC 60 947-1) Insulation material Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes White ZBFM 5 /WH:UNPRINTED 28 5: UNPRINTED 10 50 00 4 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10 50 00 5 10				SZF 1 - 0,6 x 3,5	12 04 51 7	10
Abeling in the terminal center and on the plug-in bridges Dimensions Width / length /end cover width [mm] 5.2 / 59.5 / 2.2 Height (NS 35:7.5 / NS 35:15) [mm] 43 / 50.5 Technical data in accordance with IEC/ DIN VDE Maximum load current / cross section [A] / [mm²] - 6 / 3 Surge voltage / contamination class [kV] / 6 / 3 Surge voltage category / insulation material group -/- Connection capacity Stranded with ferrule with 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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG			white	ZBFM 5 /WH:UNPRINTED	08 03 59 5	10
Width / length /end cover width [mm] 5.2 / 59.5 / 2.2 Height (NS 35:7.5 / NS 35:15) [mm] 43 / 50.5 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 -/- Connection capacity Stranded with ferrule with plastic sleeve [mm²] 0.25 - 2.5 Stranded with TWIN ferrule with 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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -	labeling in the terminal center and on the plug-in bridges		JULIUU	ZB 5: UNPRINTED	10 50 00 4	10
Height (NS 35:7.5 / NS 35:15) [mm] 43 / 50.5 Technical data in accordance with IEC/ DIN VDE Maximum load current / cross section [A] / [mm²] - 6 / 3 Surge voltage / contamination class [kV] / 6 / 3 Surge voltage category / insulation material group -/- IIII / I Connection capacity Stranded with ferrule with plastic sleeve [mm²] 0.25 - 2.5 Stranded with TWIN ferrule with 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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -						
Technical data in accordance with IEC/ DIN VDE Maximum load current / cross section [A] / [mm²] - 6 / 3 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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -						
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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG —	0 (,			43 / 50.5	
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 - 2.5 Stranded with rule 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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -						
Surge voltage category / insulation material group					- 0.70	
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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -			<u>` '</u>			
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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -		uiation material grou	ip -/-		111 / 1	
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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -		actic cloove	[mm ²]		1 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 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -						
Stripping length [mm] 10 Internal cylindrical gauge (IEC 60 947-1) A 3 Insulation material PA Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG –		<u> </u>				
Internal cylindrical gauge (IEC 60 947-1) Insulation material Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG A 3 V0 V0 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG		man plastic siceve				
Insulation material PA Inflammability class in accordance with UL 94 V0 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG –		(IEC 60 947-1)	[11111]			
Inflammability class in accordance with UL 94 Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG -						
Approval data (UL and CSA/CUL) Nom. voltage / nom. current / conduc. sizes		rdance with UL 94				
Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG –	·					
			UL: [V] / [A] / AWG		_	
COA/CUL. IVI / IAI / AVVCI			UL: [V] / [A] / AWG		_	

Spring Cage Installation Terminal Block STN 2,5



(IEC)	rigid	flexible	AWG	I	U
[mm ²]	solid	stranded		[A]	[V]
IFC 60 947-7-1	0.2-4	0.2-2.5	24-12	32	400

Technical data			Туре		Order No.	<u>Pcs.</u> Pkt.
Spring cage neutral disconners for mounting on		minal width 5.2	STN 2,5		30 31 94 0	50
(1) End cover	gray		D-STI 2,5		30 30 56 9	50
(2) Insulating stop sleeve, prof insulation in the case of small Cross section range: (3) Plug-in bridge,		white gray black	ISH 2,5/0,2 ISH 2,5/0,5 ISH 2,5/1 FBS 2-5	_x .: 24 A	30 02 84 3 30 02 85 6 30 02 86 9 30 30 16 1	50 50 50
for cross connections in the terminal center	3-pos. 4-pos. 5-pos. 10-pos. 20-pos.		FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 FBS 20-5	24 A 24 A 24 A 24 A 24 A 24 A	3/0 30 17 4 30 30 18 7 30 30 19 0 30 30 21 3 30 30 22 6	10 10 10 10 10
(4) Test adapter , for 4 mm Ø to and 4 mm Ø safety test connect making contact in the bridge st	ctor,		PAI 4		30 30 92 5	10
(5) 2.3 mm Ø test connector metal part and red insulating s (6) Reducing plug			MPS-RD RPS		02 01 55 3 02 01 64 7	10 10
(7) Neutral busbar, 3 x 10 mm, 1 m long, copper, tin-plated			NLS-CU 3/10		04 02 17 4	10
(8) Support, blue insulating material for mounting the neutral busba			AB-STI		30 30 82 8	50
(9) Screwdriver , for actuating the tension spring			SZF 1 - 0,6 x 3,5		12 04 51 7	10
(10) Zack marker sheet, flat, 1 for labeling the outer marker gr		white	ZBFM 5 /WH:UNPRINTE	:D	08 03 59 5	10
(11) Zack strip , 10-section, for labeling in the terminal center and on the plug-in bridges	white	JUJUJU	ZB 5: UNPRINTED		10 50 00 4	10
Dimensions Width / length /end cover width	1	[mm]		52/5	9.5 / 2.2	
Height (NS 35:7.5 / NS 35:15)	<u>'</u>	[mm]			50.5	
Technical data in accordance	with IEC/ DIN VDE					
Maximum load current / cross : Current carrying capacity of the		[A] / [mm ²] [A]			2 / 4	
Rated surge voltage / contamir		[kV]/-			/3	
Surge voltage category / insula		-/-			1/1	
Connection capacity						
Stranded with ferrule with plast		[mm ²]		0.25	5 - 2.5	
Stranded with ferrule without p		[mm ²]			5 - 2.5	
Stranded with TWIN ferrule wit	h plastic sleeve	[mm ²]	-).5	
Stripping length		[mm]			10	
Internal cylindrical gauge (IE	C 60 947-1)				4 3	
Insulation material	nee with LU 04				PA	
Inflammability class in accorda Approval data (UL and CSA/0					V0	
Nom. voltage / nom. current / c		[V] / [A] / AWG			_	
Trom. voitage / nom. carrent / t		[V] / [A] / AWG [V] / [A] / AWG			<u>-</u>	
	00/ (/OUL.	[*],[/],////				

¹) Further colors are available on request.

Spring Cage Installation Terminal Block STI 4



(IEC)	rigid	flexible	AWG	I	U
[mm ²]	solid	stranded		[A]	[V]
IEC 60 947-7-1	0.5-6	0.5-4	20-10	41	400

Technical data			Туре	Order No.	<u>Pcs.</u> Pkt.
Spring cage installation term	ninal block.				
for mounting on	gray blue	terminal width 6.2 terminal width 6.2	STI 4 STI 4 BU	30 31 95 3 31 36 22 0	50 50
(1) End cover	gray		D-STI 4	30 30 64 0	50
(2) Insulating stop sleeve, pr					
of insulation in the case of sma			1011 410 -		
Cross section range:	0.25-0.5 mm ² 0.75-1 mm ²	gray black	ISH 4/0,5 ISH 4/1	30 02 88 5 30 02 89 8	50 50
(2) Diver in bridge		Diack	= -	30 30 33 6	10
(3) Plug-in bridge , for cross connections in the	2-pos. 3-pos.		FBS 2-6 I _{max} .: 32 A FBS 3-6 32 A	30 30 33 6	10
terminal center	4-pos.		FBS 4-6 32 A	30 30 25 5	10
	5-pos.		FBS 5-6 32 A	30 30 34 9	10
	10-pos.	VV 40040	FBS 10-6 32 A	30 30 27 1	10
	20-pos.		FBS 20-6 32 A	30 30 36 5	10
(4) Test adapter , for 4 mm Ø to and 4 mm Ø safety test conne making contact in the bridge st	ctor,		PAI 4	30 30 92 5	10
(5) 2.3 mm Ø test connector	1), consisting of		MPS-RD	02 01 55 3	10
metal part and red insulating s (6) Reducing plug	sleeve		RPS	02 01 64 7	10
(7) Screwdriver , for					
actuating the tension spring			SZF 1 - 0,6 x 3,5	12 04 51 7	10
(8) Zack marker sheet, flat, 10 labeling the outer marker groot		white	ZBFM 6 /WH:UNPRINTED	08 03 61 8	10
(9) 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		<i>V</i>			
Width / length /end cover width	า	[mm]	6.2 /	66 / 2.2	
Height (NS 35:7.5 / NS 35:15)		[mm]	43	3 / 50.5	
Technical data in accordance	e with IEC/ DIN V	DE			
Maximum load current / cross	section	[A] / [mm ²]		11 / 6	
Rated surge voltage / contamin	nation class	[kV] / –		6/3	
Surge voltage category / insula	ation material grou	up -/-		III / I	
Connection capacity					
Stranded with ferrule with plas	tic sleeve	[mm ²]	0	.5 - 4	
Stranded with ferrule without p	lastic sleeve	[mm ²]	0	.5 - 4	_
Stranded with TWIN ferrule with	th plastic sleeve	[mm ²]	0	1.5 - 1	
Stripping length		[mm]		10	
Internal cylindrical gauge (IE	EC 60 947-1)			A 4	
Insulation material				PA	
Inflammability class in accorda	ance with UL 94			V0	
Approval data (UL and CSA/	CUL)				
Nom. voltage / nom. current / o	conduc. sizes	UL: [V] / [A] / AWG		_	
	CSA/C	UL: [V] / [A] / AWG		-	

¹⁾ Further colors are available on request.

Spring Cage Ground Terminal Block STI 4-PE



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	
IEC 60 947-7-2	0.5-6	0.5-4	20-10	

The current	carrying	capacity of	the mounting	rails should be observed	

Technical data		Туре	Order No.	<u>Pcs.</u> Pkt.	
Spring cage ground terminal block, for mounting on green-yellow	terminal width 6.2	STI 4-PE	30 31 96 6	50	
(1) End cover gray		D-STI 4	30 30 64 0	50	
(2) Insulating stop sleeve, prevents unintention of insulation in the case of smaller cross section Cross section range: 0.25-0.5 mm ² 0.75-1 mm ²	ons gray	ISH 4/0,5 ISH 4/1	30 02 88 5 30 02 89 8	50 50	
(3) Screwdriver , for actuating the tension spring		SZF 1 - 0,6 x 3,5	12 04 51 7	10	
(4) Zack marker sheet, flat, 100-section, for labeling the outer marker grooves	white	ZBFM 6 /WH:UNPRINTED	08 03 61 8	10	
(5) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges		ZB 6:UNPRINTED	10 51 00 3	10	
Dimensions					
Width / length /end cover width	[mm]	6.2	2 / 66 / 2.2		
Height (NS 35:7.5 / NS 35:15)	[mm]	-	43 / 50.5		
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 gr	oup -/-		III / I		
Connection capacity					
Stranded with ferrule with plastic sleeve	[mm ²]		0.5 - 4		
Stranded with ferrule without plastic sleeve	[mm ²]	0.5 - 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		
Insulation material			PA		
Inflammability class in accordance 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		_		

Spring Cage Installation Terminal Block STN 4



(IEC)	rigid	flexible	AWG	I	U
[mm ²]	solid	stranded		[A]	[V]
IEC 60 947-7-1	0.5-6	0.5-4	20-10	36	250

Technical data			Туре		Order No.	<u>Pcs.</u> Pkt.			
Spring cage neutral disconner for mounting on	STN 4		30 31 97 9	50					
(1) End cover	gray	<i>[</i>]	D-STI 4		30 30 64 0	50			
(2) Insulating stop sleeve , pre of insulation in the case of sma Cross section range:		lamping gray black	ISH 4/0,5 ISH 4/1		30 02 88 5 30 02 89 8	50 50			
(3) Plug-in bridge, for cross connections in the terminal center	2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.		FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 FBS 20-6	I _{max} .: 32 A 32 A 32 A 32 A 32 A 32 A 32 A	30 30 33 6 30 30 24 2 30 30 25 5 30 30 34 9 30 30 27 1 30 30 36 5	10 10 10 10 10 10			
(4) Test adapter , for 4 mm Ø test connector PS and 4 mm Ø safety test connector, making contact in the bridge shaft			PAI 4		30 30 92 5	10			
(5) 2.3 mm Ø test connector 1 metal part and red insulating slate (6) Reducing plug			MPS-RD RPS		02 01 55 3 02 01 64 7	10 10			
(7) Neutral busbar, 3 x 10 mm, 1 m long, copper, tin-plated			NLS-CU 3/10		04 02 17 4	10			
(8) Support, blue insulating material for mounting the neutral busbar			AB-STI		30 30 82 8	50			
(9) Screwdriver , for actuating the tension spring		950ad	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			
(11) Zack strip, 10-section, for labeling in the terminal center and on the plug-in bridges	white	, JJJJJJJJ	ZB 6:UNPRINTE	D	10 51 00 3	10			
Dimensions									
Width / length /end cover width [mm]			6.2 / 66 / 2.2						
Height (NS 35:7.5 / NS 35:15) [mm]			43 / 50.5						
Technical data in accordance		2							
aximum load current / cross section [A] / [mm²]			36 / 6						
Current carrying capacity of the neutral busbar [A]			140 6/3						
Rated surge voltage / contamination class [kV] / – Surge voltage category / insulation material group – / –									
Connection capacity	matorial group								
Stranded with ferrule with plastic sleeve [mm ²]			0.5 - 4						
Stranded with ferrule without plastic sleeve [mm ²]		0.5 - 4							
Stranded with TWIN ferrule with plastic sleeve [mm ²]		0.5 - 1							
Stripping length [mm]			10						
Internal cylindrical gauge (IE	A 4								
Insulation material			PA						
Inflammability class in accordar			V0						
Approval data (UL and CSA/C		[V] / [A] / AWG							
Nom. voltage / nom. current / co									
0 = 0 = 0 = 0 = 0		[V] / [A] / AWG			_				
1) Further colors are available of	n request.								

¹⁾ Further colors are available on request