

Spring Cage Feeed Through Terminal Blocks with Angled Design STS 6

The ST-DESK series of spring cage terminal blocks features an angled conductor entry. This family of compact terminal blocks is used especially in wiring systems where space is to be saved using underfloor wiring. With their dual jumper channel, STS 6 and STS 6-TWIN offer a variety of options for potential bridging. Moreover, these jumper channels are conveniently positioned and are in the same location as is the case for the 2.5 and 4 mm² terminal blocks of the ST-DESK series. Using adapter bridge RB-ST 6-(4/2,5), the potential can be distributed both to the left or right to the terminal blocks with smaller nominal cross sections.



Spring Cage Feed Through Terminal Block STS 6



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

Technical data

Technical data			Туре		Order No.	<u>Pcs.</u> Pkt.
Spring cage terminal block, for mounting on し	gray blue	terminal width 8.2 terminal width 8.2	STS 6 STS 6 BU		30 38 12 1 30 38 13 4	50 50
(1) End cover	gray		D-STS 6		30 38 18 9	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 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) Adapter bridge , for connecting to an STS 4 or STS 2,5	an STS 6		RB ST 6-(2,5/4)	I _{max.} : 48 A	30 30 86 0	10
(4) Partition plate, for visual and electrical separation of terminal groups, 2 mm thick			ATP-ST 6		30 24 48 1	50
(5) Test adapter, for 4 mm \emptyset test p and 4 mm \emptyset safety test plugs, making contact in the bridge shaft	lug PS		PAI 4		30 30 92 5	10
(6) 2.3 mm Ø test plug 1 , consisti metal part and red insulating sleeve (7) Modular test plug , can be labe	ə	5	MPS-RD PS 5		02 01 55 3 30 30 98 3	10 10
(8) Screwdriver , for actuating the tension spring			SZF 2 - 0,8 x 4,0		12 04 52 0	10
(9) Zack strip, 10-section, for labeling in the terminal center	white	ATTITUTE OF THE OWNER OF THE OWNE	ZB 8:UNPRINTED		10 52 00 2	10
Dimensions		· 6-			II	
Width / length / end cover width		[mm]		8.2 /	58 / 2.2	
Height (NS 35/7,5 / NS 35/15)		[mm]		50.0) / 57.5	
Technical data in accordance wit	th IEC/ DIN V					
Maximum // Rated data		[A] / [mm ²]			0 // 41 / 6	
Rated surge voltage / contaminatio		[kV] / –			3/3	
Surge voltage category / insulation	material gro	up _/_		I	11/1	
Connection capacity		[mm2]		0.1	25 - 6	
Stranded with ferrule with plastic sl		[mm ²]		-		
Stranded with ferrule without plasti Stranded with TWIN ferrule with pla		[mm ²] [mm ²]			25 - 6 5 - 1.5	
Stripping length	asile sleeve	[mm]		0.2	12	
Internal cylindrical gauge (IEC 6) 947-1)	[1111]			A 5	
Insulating material	, , , , , , , , , , , , , , , , , , , ,				PA	
Inflammability class in acc. with UL	94				V0	
Approval data (UL and CSA/CUL					••	
Nominal voltage / current / conduct		UL: [V] / [A] / AWG		ann	lied for	
		UL: [V] / [A] / AWG			lied for	
1) Further colors are available on re				~pp		

¹) Further colors are available on request.

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Spring Cage Feed Through Terminal Block **STS 6-TWIN**



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	ا [A]	U [V]	
IEC 60 947-7-1	0.2-10	0.2-6	24-8	52*	800	_
* The max load cu	rrent must no	t he exceede	d hy the	total c	urrent of all connected	h

* The max. loa conductors. current must not be exceeded by the total current of all connect

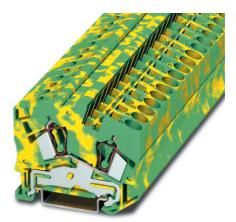
Technical data

Technical data			Туре		Order No.	<u>Pcs.</u> Pkt.
Spring cage terminal block, for mounting on Lf	gray blue	terminal width 8.2 terminal width 8.2	STS 6-TWIN STS 6-TWIN BU		30 38 15 0 30 38 16 3	50 50
(1) End cover	gray		D-STS 6-TWIN		30 38 20 2	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 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) Adapter bridge , for connecting to an STS 4 or STS 2,5	ng an STS 6		RB ST 6-(2,5/4)	I _{max.} : 48 A	30 30 86 0	10
(4) Partition plate , for visual and electrical separation of terminal groups, 2 mm thick			ATP-ST 6		30 24 48 1	50
(5) Test adapter , for 4 mm Ø test and 4 mm Ø safety test plugs, making contact in the bridge sha			PAI 4		30 30 92 5	10
(6) 2.3 mm Ø test plug ¹), consistent metal part and red insulating sleet (7) Modular test plug , can be lat	eve	5	MPS-RD PS 5		02 01 55 3 30 30 98 3	10 10
(8) Screwdriver, for actuating the tension spring			SZF 2 - 0,8 x 4,0		12 04 52 0	10
(9) Zack strip, 10-section, for labeling in the terminal center	white	ALLILLI A	ZB 8:UNPRINTED)	10 52 00 2	10
Dimensions		V°			II	
Width / length / end cover width		[mm]		8.2 /	70 / 2.2	
Height (NS 35/7,5 / NS 35/15)		[mm]		50.0	0 / 57.5	
Technical data in accordance v	with IEC/ DIN V	/DE				
Maximum // Rated data		[A] / [mm ²]		52 / 1	0 // 41 / 6	
Rated surge voltage / contamina	tion class	[kV] / –		8	3/3	
Surge voltage category / insulation	on material gro	up _/_		I	11/1	
Connection capacity						
Stranded with ferrule with plastic	sleeve	[mm ²]		0.2	25 - 6	
Stranded with ferrule without plas	stic sleeve	[mm ²]		0.2	25 - 6	
Stranded with TWIN ferrule with	plastic sleeve	[mm ²]		0.2	5 - 1.5	
Stripping length		[mm]			12	
Internal cylindrical gauge (IEC	60 947-1)				A 5	
Insulating material					PA	
Inflammability class in acc. with l	JL 94				V0	
Approval data (UL and CSA/CL	JL)					
Nominal voltage / current / condu	· ·	UL: [V] / [A] / AWG		app	lied for	
		CUL: [V] / [A] / AWG			lied for	
1) Further colors are swellable on						

¹) Further colors are available on request.

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Spring Cage Ground Terminal Block STS 6-PE



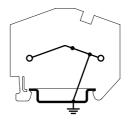
(IEC) [mm ²]	rigid solid	flexible stranded	AWG	
IEC 60 947-7-2	0.2-10	0.2-6	24-8	

Current carrying capacity of mounting rails, see CLIPLINE catalog.

Technical data

Technical data			Туре	Order No.	<u>Pcs.</u> Pkt.
Spring cage ground termin	n al block, green-yellow	terminal width 8.2	STS 6-PE	30 38 14 7	50
(1) End cover	gray		D-STS 6	30 38 18 9	50
(2) Plug-in bridge, for	2-pos.		FBS 2-8	30 30 28 4	10
cross-connections in the	3-pos.	55455 with 1614	FBS 3-8	30 30 29 7	10
terminal center	4-pos. 5-pos.		FBS 4-8 FBS 5-8	30 30 30 7 30 30 31 0	10 10
	10-pos.	0.0000	FBS 10-8	30 30 32 3	10
(3) Adapter bridge, for conr to an STS 4 or STS 2,5	necting an STS 6	1,77	RB ST 6-(2,5/4)	30 30 86 0	10
(4) Partition plate, for					
visual and electrical separati of terminal groups, 2 mm thi			ATP-ST 6	30 24 48 1	50
(5) Test adapter, for 4 mm $\&$ and 4 mm \bigotimes safety test plug making contact in the bridge	S,		PAI 4	30 30 92 5	10
(6) 2.3 mm Ø test plug ¹), c			MPS-RD	02 01 55 3	10
(7) Modular test plug, can b		5	PS 5	30 30 98 3	10
(8) Screwdriver, for actuating the tension spring			SZF 2 - 0,8 x 4,0	12 04 52 0	10
(9) Zack strip, 10-section, for labeling in the terminal center		11111111	ZB 8:UNPRINTED	10 52 00 2	10
Dimensions					
Width / length / end cover wi		[mm]		8.2 / 58 / 2.2	
Height (NS 35/7,5 / NS 35/1	,	[mm]		50.0 / 57.5	
Technical data in accordan	nce with IEC/ DIN VI				
Maximum // Rated data		[A] / [mm ²]		-	
Rated surge voltage / contar		[kV] / –		8/3	
Surge voltage category / insi	ulation material grou	p _/_		III / I	
Connection capacity		[0.05 0	
Stranded with ferrule with pla		[mm ²]		0.25 - 6	
Stranded with ferrule without	1	[mm ²]		0.25 - 6	
Stranded with TWIN ferrule	with plastic sleeve	[mm ²]			
Stripping length		[mm]		12	
Internal cylindrical gauge ((IEC 00 947-1)			A 5 PA	
Insulating material				 	
Inflammability class in acc. w				VU	
Approval data (UL and CS/	,			a malia al fa u	
Nominal voltage / current / c		JL: [V] / [A] / AWG		applied for	
	USA/CI	JL: [V] / [A] / AWG		applied for	

¹) Further colors are available on request.



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

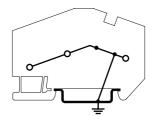


(IEC) [mm ²]	rigid solid	flexible stranded	AWG	
IEC 60 947-7-2	0.2-10	0.2-6	24-8	

Current carrying capacity of mounting rails, see CLIPLINE catalog.

Technical data

Type STS 6-TWIN-PE D-STS 6-TWIN FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5 SZF 2 - 0,8 x 4,0	Order No. 30 38 17 6 30 38 20 2 30 30 28 4 30 30 29 7 30 30 29 7 30 30 30 31 0 30 30 30 31 0 30 30 30 86 0 30 30 24 48 1 30 30 92 5 02 01 55 3 30 30 98 3	Pkt. 50 50 10 10 10 10 10 10 10 50 10
D-STS 6-TWIN FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5	30 38 20 2 30 30 28 4 30 30 29 7 30 30 7 30 30 30 7 30 30 31 0 30 30 32 3 30 30 86 0 30 24 48 1 30 30 92 5 02 01 55 3	50 10 10 10 10 10 10 10 50 10
FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5	30 30 28 4 30 30 29 7 30 30 30 7 30 30 31 0 30 30 32 3 30 30 86 0 30 24 48 1 30 30 92 5 02 01 55 3	10 10 10 10 10 10 10 50
FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5	30 30 28 4 30 30 29 7 30 30 30 7 30 30 31 0 30 30 32 3 30 30 86 0 30 24 48 1 30 30 92 5 02 01 55 3	10 10 10 10 10 10 10 50
FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5	30 30 29 7 30 30 30 7 30 30 31 0 30 30 32 3 30 30 86 0 30 24 48 1 30 30 92 5 02 01 55 3	10 10 10 10 10 50 10
FBS 4-8 FBS 5-8 FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5	30 30 30 7 30 30 31 0 30 30 32 3 30 30 86 0 30 24 48 1 30 30 92 5 02 01 55 3	10 10 10 10 50 10
FBS 5-8 FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5	30 30 31 0 30 30 32 3 30 30 30 86 0 30 24 48 1 30 30 92 5 02 01 55 3	10 10 10 50 10
FBS 10-8 RB ST 6-(2,5/4) ATP-ST 6 PAI 4 MPS-RD PS 5	30 30 32 3 30 30 86 0 30 24 48 1 30 30 92 5 02 01 55 3	10 10 50 10
ATP-ST 6 PAI 4 MPS-RD PS 5	30 24 48 1 30 30 92 5 02 01 55 3	50
ATP-ST 6 PAI 4 MPS-RD PS 5	30 24 48 1 30 30 92 5 02 01 55 3	50
PAI 4 MPS-RD PS 5	30 30 92 5 02 01 55 3	10
PAI 4 MPS-RD PS 5	30 30 92 5 02 01 55 3	10
MPS-RD PS 5	02 01 55 3	-
MPS-RD PS 5	02 01 55 3	-
PS 5		
	30 30 98 3	10
S7E 2 - 0.8 x / 0	+ +	10
∃ 52F 2 - 0,0 X 4,0	12 04 52 0	10
ZB 8:UNPRINTED	10 52 00 2	10
8.2	/ 70 / 2.2	
50	.0 / 57.5	
_	-	
	8/3	
	111/1	
0	.25 - 6	
0	.25 - 6	
0.	25 - 1.5	
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