

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



Γ

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

Technical data

lechnical 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 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 connectir 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 \emptyset test and 4 mm \emptyset safety test plugs, making contact in the bridge shaf			PAI 4		30 30 92 5	10
(6) 2.3 mm Ø test plug ¹), consist metal part and red insulating slee (7) Modular test plug , can be lat	ve	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	TITIT	ZB 8:UNPRINTED)	10 52 00 2	10
Dimensions		·~				
Width / length / end cover width		[mm]		8.2 /	58 / 2.2	
Height (NS 35/7,5 / NS 35/15)		[mm]		50.0	0 / 57.5	
Technical data in accordance w	ith IEC/ DIN V					
Maximum // Rated data		[A] / [mm ²]			0 // 41 / 6	
Rated surge voltage / contaminat		[kV] / –			8/3	
Surge voltage category / insulation	n material gro	up _/_			11/1	
Connection capacity Stranded with ferrule with plastic	sloovo	[mm ²]		0	25 - 6	
Stranded with ferrule without plastic		[mm ²]			25 - 6 25 - 6	
Stranded with TWIN ferrule with plas		[mm ²]			5 - 1.5	
Stripping length		[mm]		5.2	12	
Internal cylindrical gauge (IEC	60 947-1)				A 5	
Insulating material	,				PA	
Inflammability class in acc. with L	IL 94				V0	
Approval data (UL and CSA/CU	L)					
Nominal voltage / current / condu	ctor sizes	UL: [V] / [A] / AWG		app	lied for	
	CSA/C	UL: [V] / [A] / AWG		app	lied for	
1) Eurther colors are available on	roquost					

¹) Further colors are available on request.

Spring Cage Feed Through Terminal Block STS 6-TWIN



Γ

(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 be exceede	d by the	total c	urrent of all connect	ted

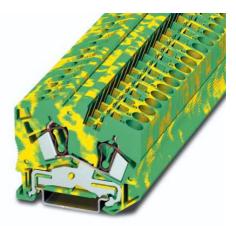
The max. load current must not be exceeded by the total current of all connected conductors.

Technical data

lechnical data			Туре		Order No.	<u>Pcs.</u> Pkt.
Spring cage terminal block, for mounting on しして	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 as to an STS 4 or STS 2,5	n 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 plug and 4 mm \emptyset safety test plugs, making contact in the bridge shaft	g PS		PAI 4		30 30 92 5	10
(6) 2.3 mm Ø test plug ¹), consisting metal part and red insulating sleeve (7) Modular test plug , can be labeled		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 AND A DESCRIPTION OF A DESCRIPR	ZB 8:UNPRINTED		10 52 00 2	10
Dimensions		\$°			LI	
Width / length / end cover width		[mm]		8.2 /	70 / 2.2	
Height (NS 35/7,5 / NS 35/15)		[mm]		50.0) / 57.5	
Technical data in accordance with	IEC/ DIN V					
Maximum // Rated data		[A] / [mm ²]			0 // 41 / 6	
Rated surge voltage / contamination of		[kV] / –			3/3	
Surge voltage category / insulation m	aterial gro	up _/_			11/1	
Connection capacity		. 21			05 0	
Stranded with ferrule with plastic slee		[mm ²]			25 - 6	
Stranded with ferrule without plastic s		[mm ²]			25 - 6	
Stranded with TWIN ferrule with plast	IC SIEEVE	[mm ²]		0.2	5 - 1.5 12	
Stripping length Internal cylindrical gauge (IEC 60 9	47-1)	[mm]			A 5	
Insulating material	147-1)				PA	
	1				V0	
Inflammability class in acc. with UL 94 Approval data (UL and CSA/CUL)	+				vo	
Nominal voltage / current / conductor	01700				lied for	
Normal Voltage / current / conductor		UL: [V] / [A] / AWG CUL: [V] / [A] / AWG			lied for	
1) Further calera are quailable on requ				app		

¹) Further colors are available on request.

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 terminal bl	ock, 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 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	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 connectir to an STS 4 or STS 2,5	ng an STS 6		RB ST 6-(2,5/4)	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 and 4 mm \emptyset safety test plugs, making contact in the bridge shaf			PAI 4	30 30 92 5	10
(6) 2.3 mm \varnothing test plug ¹), consist metal part and red insulating slee (7) Modular test plug , can be lab	ve	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 -	ZB 8:UNPRINTED	10 52 00 2	10
Dimensions		. 64			
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 w	ith IEC/ DIN \				
Maximum // Rated data		[A] / [mm ²]		-	
Rated surge voltage / contaminat		[kV] / –		8/3	
Surge voltage category / insulatio	n material gro	up _/_		III / I	
Connection capacity	1	r 21		0.05.0	
Stranded with ferrule with plastic		[mm ²]		0.25 - 6	
Stranded with ferrule without plas		[mm ²]		0.25 - 6	
Stranded with TWIN ferrule with p Stripping length	Jastic Sleeve	[mm ²] [mm]		0.25 - 1.5	
Internal cylindrical gauge (IEC)	60 047-1)	[[[[[[A 5	
Internal cylindrical gauge (IEC	00 947-1)			PA	
Inflammability class in acc. with U	11 0/			V0	
Approval data (UL and CSA/CU				vu	
Nominal voltage / current / condu	,	UL: [V] / [A] / AWG		applied for	
rionniai voltage / current / condu		UL: [V] / [A] / AWG		applied for	
	USAC			applied to	

¹) Further colors are available on request.



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

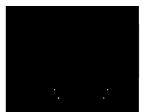


(IEC) [mm ²]	rigid solid	flexible stranded	AWG	
IEC 60 947-7-2	0.2-10	0.2-6	24-8	

Current carrying capacity of mounting rails, see CLIPLINE catalog.

Technical data

Technical data		Туре	Order No.	<u>Pcs.</u> Pkt.
Spring cage ground terminal block, for mounting on C green-yellow t	erminal width 8.2	STS 6-TWIN-PE	30 38 17 6	50
(1) End cover gray		D-STS 6-TWIN	30 38 20 2	50
(2) Plug-in bridge, for 2-pos.		FBS 2-8	30 30 28 4	10
cross-connections in the 3-pos.		FBS 3-8	30 30 29 7	10
terminal center 4-pos.	vir WDv	FBS 4-8	30 30 30 7	10
5-pos. 10-pos.	00 DMD	FBS 5-8 FBS 10-8	30 30 31 0 30 30 32 3	10 10
(3) Adapter bridge, for connecting an STS 6 to an STS 4 or STS 2,5		RB ST 6-(2,5/4)	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 ∅ test plug PS and 4 mm ∅ safety test plugs, making contact in the bridge shaft		PAI 4	30 30 92 5	10
(6) 2.3 mm \varnothing test plug ¹), consisting of metal part and red insulating sleeve		MPS-RD	02 01 55 3	10
(7) Modular test plug, can be labeled with ZBF 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 white	ATTENTION OF THE OWNER OWNER OF THE OWNER	ZB 8:UNPRINTED	10 52 00 2	10
Dimensions	. 18-			
Width / length / end cover width	[mm]		8.2 / 70 / 2.2	
Height (NS 35/7,5 / NS 35/15)	[mm]		50.0 / 57.5	
Technical data in accordance with IEC/ DIN VD				
Maximum // Rated data	[A] / [mm ²]			
Rated surge voltage / contamination class	[kV] / –		8/3	
Surge voltage category / insulation material group	_/_		III / I	
Connection capacity Stranded with ferrule with plastic sleeve	[mm ²]		0.25 - 6	
Stranded with ferrule without plastic sleeve	[mm ²]		0.25 - 6	
Stranded with TWIN ferrule with plastic sleeve	[mm ²]		0.25 - 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)			-	
	L: [V] / [A] / AWG		applied for	
	L: [V] / [A] / AWG		applied for	
) Further colors are available on request.				



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