Hinge Type Stud Block

STH Series Terminal Blocks are preferred for application where the connections are subjected to severe vibration. The wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. The hinged carrier should be lifted to insert the lugs and then fastened to complete the connection.

By virtue of the hinged design, the Terminal Blocks apart from shrouding the live parts, providing IP 20 (Finger Safe) protection, save considerable time in wiring.

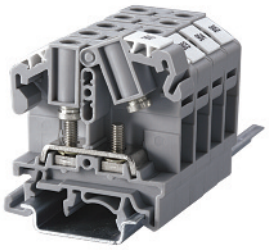
Two Lugs can be connected to the Terminal, without sacrificing the safety of the Terminal Block.

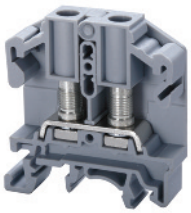
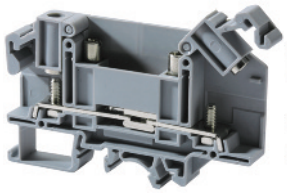
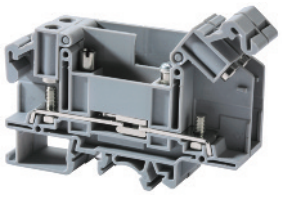
STH4DT Disconnect & Test Terminal Block is used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

Socket Headed Screws act as test monitoring point on either side of the Terminal Block. Disconnection is achieved by means of a slide link operated with a Screw Driver.

STH4DTSH Terminal Block has 2 STH4DT Terminal Block shorted to achieve switchable cross connection (on one side).

Note: The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link / moving the hinged carrier.



	STH4			STH4DT			STH4DTSH		
									
Terminal Width	11 mm			11 mm			22 mm		
Height x Length	50.5 x 46 mm			50.5 x 86 mm			50.5 x 86 mm		
Stripping Length	10 mm			10 mm			10 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Type of Connection	2 stud flat connection			2 stud flat connection			2 stud flat connection		
Stud Size / Operated by	M4 / Screwdriver			M4 / Screwdriver			M4 / Screwdriver		
Approvals	C SP US	IEC 60947-7-1	C UL US E220514	C SP US	IEC 60947-7-1	C UL US E220514	C SP US	IEC 60947-7-1	C UL US E220514
Wire Range	22-8 AWG	1.5-6 sq.mm	22-8 AWG	22-8 AWG	1.5-6 sq.mm	22-8 AWG	22-8 AWG	1.5-6 sq.mm	22-8 AWG
Voltage Rating	600 V	1000 V	600 V	600 V	1000 V	600 V	600 V	1000 V	300 V
Current Rating	50 A	41 A	50 A	35 A	41 A	35 A	35 A	34 A	25 A
Torque	14 lb-in	1.2 Nm	14 lb-in	14 lb-in	1.2 Nm	14 lb-in	14 lb-in	1.2 Nm	14 lb-in
Other Approvals	RoHS			RoHS			RoHS		
	Cat. No.	Std. Pk.		Cat. No.	Std. Pk.		Cat. No.	Std. Pk.	
Terminal Block	**STH4**	100		**STH4DT**	100		**STH4DTSH**	100	
End Plate	EPSTH4	50		EPSTH4DT	50		EPSTH4DT	50	
DIN Rail for ordering information refer to pages 90-91	32mm 35mm	35mm		32mm 35mm	35mm		32mm 35mm	35mm	
End Stop for ordering info. refer to page 92	CA702 CA802	100 50		CA702 CA802	100 50		CA702 CA802	100 50	
Removable Shorting Link 2 way	CA512/13-2	100		CA512/13-2	100		CA512/13-2	100	
Removable Shorting Link 3 way	CA512/13-3	50		CA512/13-3	50		CA512/13-3	50	
Removable Shorting Link 4 way	CA512/13-4	50		CA512/13-4	50		CA512/13-4	50	
Insulated Removable Shorting Link 2 way	CA514/13-2	100		CA514/13-2	100		CA514/13-2	100	
Insulated Removable Shorting Link 3 way	CA514/13-3	50		CA514/13-3	50		CA514/13-3	50	
Insulated Removable Shorting Link 4 way	CA514/13-4	50		CA514/13-4	50		CA514/13-4	50	
Permanant Shorting Link 2 way	CA512/14-2	100		CA512/14-2	100		CA512/14-2	100	
Permanant Shorting Link 3 way	CA512/14-3	50		CA512/14-3	50		CA512/14-3	50	
Permanant Shorting Link 4 way	CA512/14-4	50		CA512/14-4	50		CA512/14-4	50	
Insulated Permanent Jumpers 2 way	CA514/14-2	100		CA514/14-2	100		CA514/14-2	100	
Insulated Permanent Jumpers 3 way	CA514/14-3	50		CA514/14-3	50		CA514/14-3	50	
Insulated Permanent Jumpers 4 way	CA514/14-4	50		CA514/14-4	50		CA514/14-4	50	
Marking Tags	MT10	100		MT10	100		MT10	100	

Mouser Electronics

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Altech:

STH4 STH4DTSH STH4DT CA514/14-4