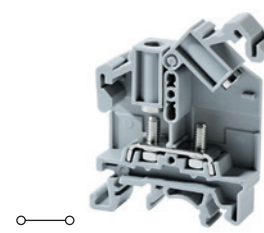
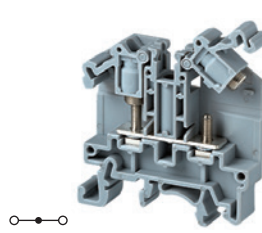
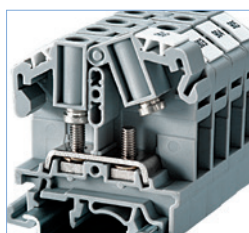


Hinged Stud Type Terminal Blocks

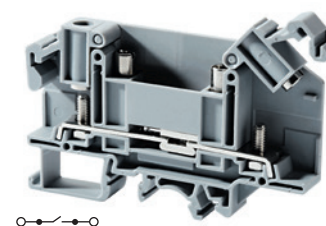
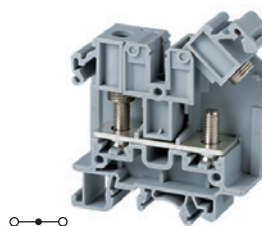
Hinged Terminal Blocks are preferred for applications where the connections are subjected to severe vibrations. The wire is crimped to a ring/fork type lug (Ferrule) and is screwed on to a flat current bar on the Terminal Block. The fastening nut always remains captive in the hinged plastic carrier. The hinged carrier should be lifted to insert the lugs and then snapped back into position. The nut can then be fastened to complete the connection.

The hinged design of the Terminal Block provides shrouding of live parts (IP20 protection) and saves considerable time in wiring.

Ttec STH4DT are Disconnect and Test Terminal Blocks that are used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.



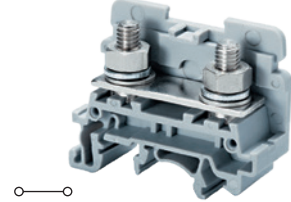
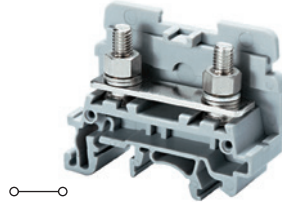
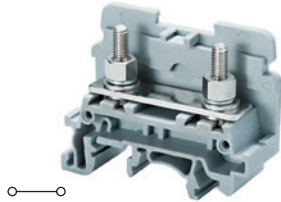
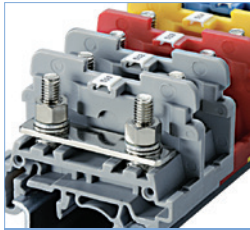
Model	Ttec STH3				Ttec STH4			
Width (Thickness) x Length	9 x 47 mm				11 x 46 mm			
Height with DIN-Rail: 35 x 7.5 / 35 x 15 / 32 mm	47.25 mm / 54.75 mm / 52.1 mm				52.2 mm / 59 mm / 56.4 mm			
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA	
Stranded Wire with Ferrule/Lug	1.5 - 6 mm ²		22 - 8 AWG		1.5 - 6 mm ²		22 - 8 AWG	
Type of Connection	M3 Nut				M4 Nut			
Ratings as per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7
Voltage	1000 V	600 V	600 V	630 V	1000 V	600 V	600 V	500 V
Current	41 A	50 A	50 A	36 A	41 A	50 A	50 A	36 A
Torque	0.5 Nm	4.5 lb-in	4.5 lb-in	0.5 Nm	1.2 Nm	14 lb-in	14 lb-in	1.2 Nm
Certification								
Rated Impulse Voltage/ Pollution Degree	8 KV/3				8 KV/3			



Model	Ttec STH6				Ttec STH4DT		
Width (Thickness) x Length	18 x 63.9 mm				11 x 86 mm		
Height with DIN-Rail: 35 x 7.5 / 35 x 15 / 32 mm	63.1 mm / 70.6 mm / 68 mm				52.2 mm / 59 mm / 56.4 mm		
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA
Stranded Wire with Ferrule/Lug	1.5 - 35 mm ²		22 - 2 AWG		1.5 - 6 mm ²		22 - 8 AWG
Type of Connection	M6 Nut				M4 Nut		
Ratings as per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	1000 V	600 V	600 V	630 V	1000 V	600 V	600 V
Current	125 A	115 A	115 A	110 A	41 A	35 A	35 A
Torque	3 Nm	25 lb-in	25 lb-in	2.5 Nm	1.2 Nm	14 lb-in	14 lb-in
Certification							
Rated Impulse Voltage/ Pollution Degree	8 KV/3				8 KV/3		

Feed Through Stud Type Terminal Blocks

Stud Type Terminal Blocks are preferred for applications where the connections are subjected to severe vibrations. The wire is crimped to ring / fork type lug (Ferrule) and is screwed on to flat current bar on the Terminal Block. Cross connection can be achieved with the aid of external shorting links. It is recommended to use Ttec CSTSPC1 Protective Covers (see page 188) to fully shroud these assemblies.

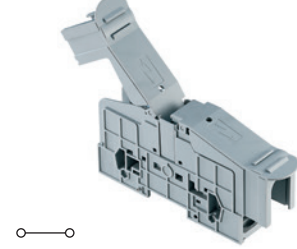
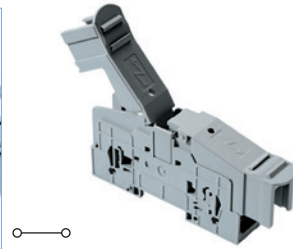
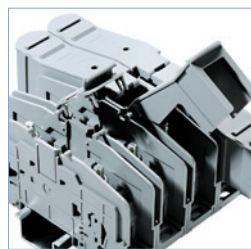


Model	Ttec CSTSN4U			Ttec CSTSN5U			Ttec CSTSN6U											
Width (Thickness) x Length	17 x 50 mm																	
Height with DIN-Rail: 35 x 7.5 / 35 x 15 / 32 mm	40.7 mm / 48 mm / 46.3 mm																	
Connection Possibility as per	IEC			UL - CSA			IEC			UL - CSA								
Stranded Wire with Ferrule/Lug	1.5 - 10 mm ²			22 - 6 AWG			1.5 - 16 mm ²			22 - 4 AWG			1.5 - 35 mm ²			22 - 2 AWG		
Type of Connection	M4 Nut						M5 Nut						M6 Nut					
Ratings as per	IEC60947-7-1		UL-1059		CSA22.2-158		IEC60947-7-1		UL-1059		CSA22.2-158		IEC60947-7-1		UL-1059		CSA22.2-158	
Voltage	1000 V		600 V		600 V		1000 V		600 V		600 V		1000 V		600 V		600 V	
Current	57 A		65 A		65 A		76 A		80 A		80 A		125 A		125 A		125 A	
Torque	1.2 Nm		14 lb-in		14 lb-in		2.0 Nm		25 lb-in		25 lb-in		3.0 Nm		25 lb-in		25 lb-in	
Certification																		
Rated Impulse Voltage/ Pollution Degree	8 KV/3																	

Power Stud Type Terminal Blocks

Power Terminal Blocks are preferred for applications using wires of large cross section. The wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. Specially designed mounting feet holds the Terminal Block rigidly on to the mounting rail.

Two lugs of the rated cross section can be connected to the Terminal Block, without sacrificing the safety of the Terminal Block. The hinged protective cover makes the Terminal Block shock proof (finger safe) and has marker recess to accept marking tag.



Model	Ttec PTB 35/50SH				Ttec PTB 70/95SH											
Width (Thickness) x Length	25 x 169 mm								32 x 192 mm							
Height with DIN-Rail: 35 x 7.5 mm / 35 x 15 mm	66.5 mm / 73.6 mm								78 mm / 86 mm							
Connection Possibility as per	IEC				UL - CSA				IEC				UL - CSA			
Stranded Wire with Ferrule/Lug	1.5 - 50 mm ²				8 - 2 AWG				1.5 - 95 mm ²				8 - 4/0 AWG			
Type of Connection	M6 Nut								M8 Nut							
Ratings as per	IEC60947-7-1		UL-1059		CSA22.2-158		IEC60079-7		IEC60947-7-1		UL-1059		CSA22.2-158			
Voltage	1000 V		600 V		600 V		1100 V		1000 V		600 V		600 V			
Current	150 A		115 A		115 A		126 A		232 A		230 A		230 A			
Torque	3.0 Nm		27 lb-in		27 lb-in		3.0 Nm		10 Nm		87 lb-in		87 lb-in			
Certification																
Rated Impulse Voltage/ Pollution Degree	8 KV/3								8 KV/3							