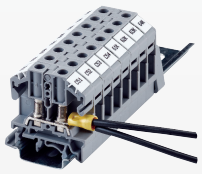
STH SERIES
STUD / RING LUG TERMINALS

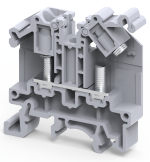
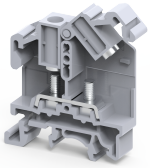
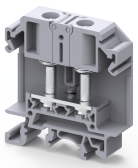
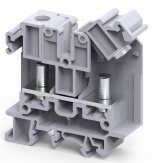
HINGE TYPE RING LUG TERMINAL BLOCKS

FEATURES
- Bolt Feed Through Terminals
- Suitable for standard fork type / ring lugs
- Captive nut system
- Only standard flat head screw driver needed to tighten connection
- IP20 touch proof terminals with hinged plastic cover
- 2, 3, 4 pole fork type and ring lug jumpers

APPLICATIONS
- Applications with vibration
- Machinery
- Transportation
- Vehicles
- Semiconductor industry





	STH3	STH4	STH5	STH6
				

Dimensions & Weight

Width	9 mm	11 mm	13 mm	18 mm
Length	47.0 mm	46.0 mm	53.5 mm	64.0 mm
Height w DIN Rail 35 x 7.5 mm	47.3 mm	52.2 mm	59.1 mm	63.1 mm
Height w DIN Rail 35 x 15 mm	54.8 mm	59.0 mm	66.6 mm	70.6 mm
Weight per piece	15.0 g	62.5 g	39.8 g	57.8 g

Technical Data/Ratings

Approvals	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid / stranded)	**22-8 AWG**	1.5-6 mm²	**22-8 AWG**	1.5-6 mm²	**22-4 AWG**	1.5-35 mm²	**22-2 AWG**	1.5-35 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	50 A	41 A	50 A	41 A	85 A	76 A	115 A	125 A
Torque	4.5 lb-in	0.5 Nm	14 lb-in	1.2 Nm	25 lb-in	3.0 Nm	25 lb-in	3.0 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	–	–	–	–
Screw / Stud Size	M3	M4	M5	M6
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**STH3**	100	**STH4**	50	**STH5**	50	**STH6**	50
Blue BU	STH3/BU	100	STH4/BU	50	STH5/BU	50	STH6/BU	50
Black BL	STH3/BL	100	STH4/BL	50	STH5/BL	50	STH6/BL	50
White W	STH3/W	100	STH4/W	50	STH5/W	50	STH6/W	50
*other colors available								

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPSTH3	50	EPSTH4	50	EPSTH5	50	EPSTH6	50
DIN Rail 32mm / 35mm / 35mm	2511120	20	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10	2511160	10
End Stop	CA702	100	CA702	100	CA702	100	CA702	100
	CA802	50	CA802	50	CA802	50	CA802	50
	CA202	50	CA202	50	CA202	50	CA202	50
Jumpers Fork Type 2 pole	CA512/15-2	100	CA512/13-2	100	–	–	–	–
Jumpers Fork Type 3 pole	CA512/15-3	50	CA512/13-3	50	–	–	–	–
Jumpers Fork Type 4 pole	CA512/15-4	50	CA512/13-4	50	–	–	–	–
Insulated Jumpers Fork Type 2 pole	CA514/15-2	100	CA514/13-2	100	–	–	–	–
Insulated Jumpers Fork Type 3 pole	CA514/15-3	50	CA514/13-3	50	–	–	–	–
Insulated Jumpers Fork Type 4 pole	CA514/15-4	50	CA514/13-4	50	–	–	–	–
Jumpers Ring Lug 2 pole	CA512/17-2	100	CA512/14-2	100	–	–	–	–
Jumpers Ring Lug 3 pole	CA512/17-3	50	CA512/14-3	50	–	–	–	–
Jumpers Ring Lug 4 pole	CA512/17-4	50	CA512/14-4	50	–	–	–	–
Insulated Jumpers Ring Lug 2 pole	CA514/17-2	100	CA514/14-2	100	–	–	–	–
Insulated Jumpers Ring Lug 3 pole	CA514/17-3	50	CA514/14-3	50	–	–	–	–
Insulated Jumpers Ring Lug 4 pole	CA514/17-4	50	CA514/14-4	50	–	–	–	–
Internal Jumpers 2 pole	CA773/2	100	–	–	CA774/2	100	CA774/2	100
Internal Jumpers 3 pole	CA773/3	50	–	–	CA774/3	50	CA774/3	50
Internal Jumpers 4 pole	CA773/4	50	–	–	CA774/4	50	CA774/4	50
Internal Jumpers 10 pole	CA773/10	10	–	–	–	–	–	–
Marking Tag	MC8	1 card (48 tags)	MC10	1 card (42 tags)	MC12	1 card (42 tags)	MC16	1 card (24 tags)