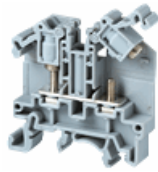


**STH3**



**6 sq. mm Stud Type Terminal Block - with captive nuts.**

These 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. 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. By the virtue of the hinged design the Terminal Blocks apart from shrouding the live parts, providing IP20 protection, saves considerable time in wiring.

**TECHNICAL DATA**

Pin Spacing	0.014 mm
Weight	1000 gms
Rated Voltage	1000 V
Rated Current	41 A
Rated Current - Output Side	0.5 A
Housing Material	Polyamide
Comparative Tracking Index	1
Standard Colour	Grey
Type of Connection	Stud / Bus Bar / Bolt
Product Function	Feed Through
Wire Entry Orientation	Side entry
Mounting Possibility	DIN 32/DIN 35/DIN 35-15 Rail
Screw Size	M3
Stud Size	M3
Fuse Fail Indication Voltage	8 KV
Rated Surge Voltage	8 KV
Pollution Degree	3

**CONNECTION DATA**

Conductor Cross Section Stranded min.	1.5 mm <sup>2</sup>
Conductor Cross Section Stranded max.	6 mm <sup>2</sup>
Conductor Cross Section Stranded max.- Output Side	22 AWG
Conductor Cross Section AWG/Kcmil min	8 AWG
Conductor Cross Section AWG/Kcmil max	22 AWG
2 Conductor with same Cross Section Stranded max	1.5 mm <sup>2</sup>
Conductor Cross Section Solid min	1.5 mm <sup>2</sup>
Conductor Cross Section Solid max	6 mm <sup>2</sup>
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	4 mm <sup>2</sup>
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	8 mm <sup>2</sup>

**DIMENSIONS**

Height with DIN 15 x 5 mm rail	52.1 mm
Height with DIN 32 rail	54.7 mm
Height with DIN 35 x 15 mm rail	47.2 mm
Height with DIN 35 x 7.5 mm rail	47 mm
Length	47 mm
Width (Thickness)	9 mm

**APPROVALS**




**ORDERING INFORMATION**

CAT. NO.	DESCRIPTION	STD. PACK
STH3	6 Sq.mm M4 captive nut Type Terminal Block in Grey Colour	50
STH3BK	6 Sq.mm M4 captive nut Type Terminal Block in Black Colour	50
STH3BU	6 Sq.mm M4 captive nut Type Terminal Block in Blue Colour	50
STH3GN	6 Sq.mm M4 captive nut Type Terminal Block in Green Colour	50
STH3R	6 Sq.mm M4 captive nut Type Terminal Block in Red Colour	50
STH3Y	6 Sq.mm M4 captive nut Type Terminal Block in Yellow Colour	50

**ACCESSORIES**

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA501-1M	Din 32 Rail unslotted 1 meter	50
	CA501-1M-S	Din 32 Rail slotted 1 meter	50
	CA501-2M	Din 32 Rail unslotted 2 meter	50
	CA501-2M-S	Din 32 Rail slotted 2 meter	50
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50
	CA202	End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails	50
	CA702	End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails	50
	EPSTH3	End Plate in Grey colour suitable for STH3 Terminal Block	50
	CA514/15-2	Insulated Ring Type Shorting link 2 Pole	100
	CA514/15-3	Insulated Ring Type Shorting link 3 Pole	100
	CA514/15-4	Insulated Ring Type Shorting link 4 Pole	100
	CA514/17-2	Insulated Ring Type Shorting link 2 Pole	100
	CA514/17-3	Insulated Ring Type Shorting link 3 Pole	100
	CA514/17-4	Insulated Ring Type Shorting link 4 Pole	100
	CA512/15-2	Uninsulated Fork Type Shorting link 2 Pole	100
	CA512/15-3	Uninsulated Fork Type Shorting link 3 Pole	100
	CA512/15-4	Uninsulated Fork Type Shorting link 4 Pole	100
	CA512/17-2	Removable Shorting Link available in 2 Pole	100
	CA512/17-3	Removable Shorting Link available in 3 Pole	100
	CA512/17-4	Removable Shorting Link available in 4 Pole	100
	CA773/2	Pre Assembled Shorting Link Assemblies with 2 poles	100
	CA773/3	Pre Assembled Shorting Link Assemblies with 3 poles	50
	CA773/4	Pre Assembled Shorting Link Assemblies with 4 poles	50
	CA773/10	Pre Assembled Shorting Link Assemblies with 10 poles	10
	CA509/K8/V	Marking Tag with Vertical printing.	100

## ACCESSORIES....

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	SCS0.8/4	Electricians Screwdriver for slotted screws	10

## RATINGS AS PER STANDARDS

STANDARDS	UL 1059	IEC/EN60947-7-1
Approvals	UL	CE
Conductor Cross Section Stranded min.	22 AWG	1.5 mm <sup>2</sup>
Conductor Cross Section Stranded max.	8 AWG	6 mm <sup>2</sup>
Rated Voltage	600 V	1000 V
Rated Current	50 A	41 A
Tightening Torque	4.5 lb-in	0.5 Nm