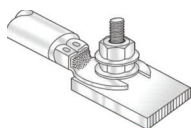


OVERVIEW

LUG TYPE TERMINALS

INTRODUCTION

LUG/ STUD TYPE CONNECTION TECHNOLOGY



- Accepts Ring/ Fork Lug Cable Lugs
- Withstands severe vibration
- Reliable Gas-tight connection
- For very large wire sizes (up to 350 kcmil)
- High Torque values
- Secure connection
- Hinged cover featuring captive nut system guarantees quick and easy ring lug wiring

UL US
E220514

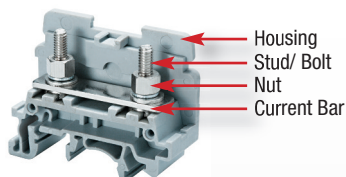
CE

Lloyd's Register

IECEE

IEC
60947-7-1

MATERIAL SPECIFICATIONS



Current Carrying Metal Corrosion free material

- Bolt: zinc chromate passivated steel
- Nut/ Screw: zinc chromate passivated steel
- Current Bar: nickel plated copper alloy/ tin plated copper

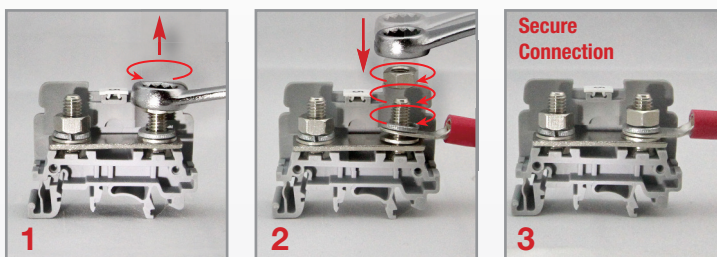
Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

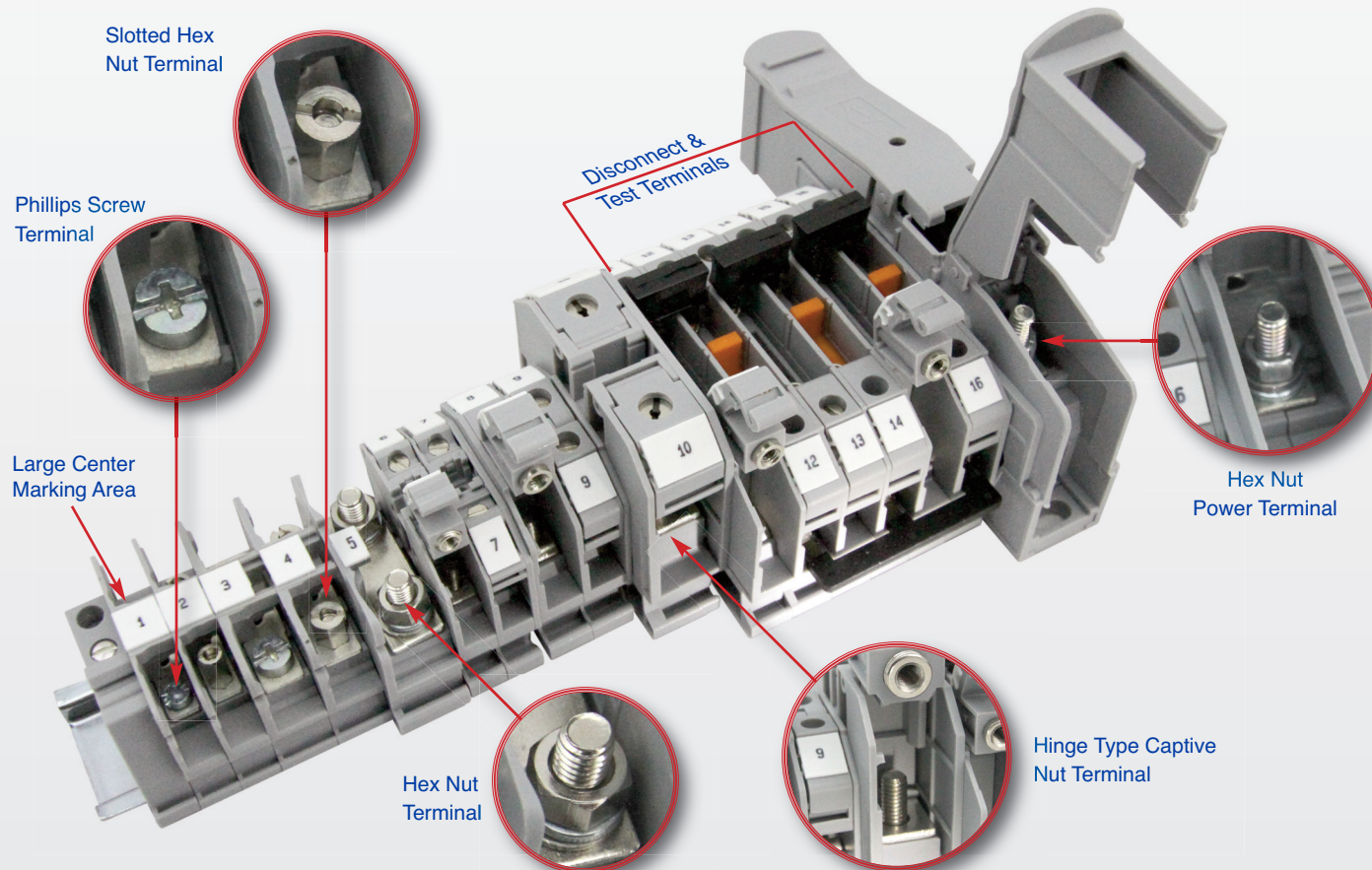
Upper Temperature Limit: 105°C
Lower Temperature Limit: -50°C
Flammability UL94: V2/ V0
Volume Resistivity: $10^{12} \Omega \text{ cm}$
Surface Resistivity: $10^{10} \Omega$

INSTALLATION GUIDELINES



- 1 Remove screw/ nut by using wrench/ hex nut driver
- 2 Place cable with ring/ fork cable lug on stud
- 3 Tighten screw/ nut to specified torque by using wrench/hex nut driver

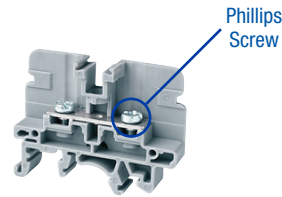
RING LUG TERMINAL CONNECTION TYPES AND FEATURES



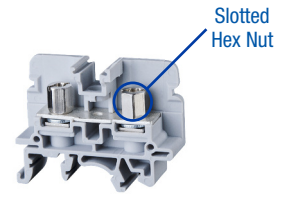
Ring Lug Barrier Terminal Blocks

FEATURES

- Phillips Screw (CBS Series)
- Slotted Hex Nut (CSB Series)
- 22-4 AWG
- Up to 85A



CBS Series
page 52

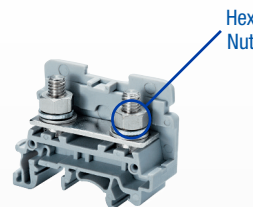


CSB Series
page 53

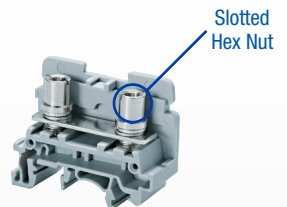
Ring Lug Stud Terminal Blocks

FEATURES

- Hex Nut (CSTSN Series)
- Slotted Hex Nut (CSTSB Series)
- 22-2 AWG
- Up to 125A



CSTSN Series
page 54

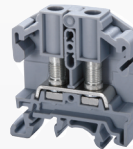


CSTSB Series
page 55

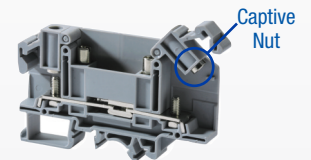
Ring Lug Hinge Terminal Blocks

FEATURES

- Captive Nut Built-In Hinge
- Feed-Through Terminals
- Disconnect Terminals
- 22-2 AWG
- Up to 115A



Feed-Through
page 56

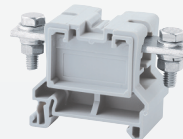


Disconnect
page 57

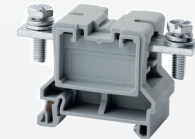
Ring Lug Power Terminal Blocks

FEATURES

- Nut/Bolt Connection
- Threaded Current Bar
- 10 AWG - 350 kcmil
- up to 310A



Nut/Bolt Connection



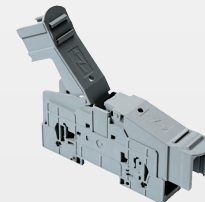
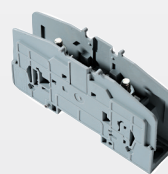
Threaded Current Bar

CBB Series
page 58-59

High Current Power Terminal Blocks

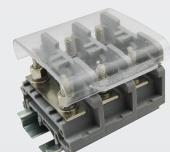
FEATURES

- Captive Bolt System
- 8-4/0 AWG
- Up to 230A
- Protective Cover
- Stackable



PTB Series
page 60

Accessories



page 61

HIGHLIGHTS

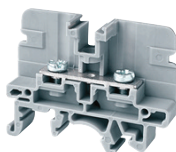
FEATURES

- Various sizes
 - Wire size up to 4 AWG
 - Current rating up to 85 A
- Suitable for standard fork type / ring lug connectors
- Version with standard Phillips Screw
(CBS Series)
- Version with slotted nut
(CSB Series)
- Compact design
- 2, 3, 4 pole fork type and ring lug jumpers

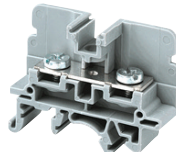
APPLICATIONS

- Applications with vibration
 - Machinery
 - Transportation
 - Vehicles
- Provides solution when ring / fork lug is needed
- Compact / Space saving Panels

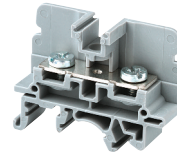
CBS3U



CBS4U



CBS5U



Dimensions & Weight

Width	
Length	
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm
Weight per piece	

50 A Ring Lug Terminal Phillips Screw Head
9 mm
49 mm
38 mm 45.5 mm
7.4 g

65 A Ring Lug Terminal Phillips Screw Head
13 mm
49 mm
38 mm 45.5 mm
12.4 g

85 A Ring Lug Terminal Phillips Screw Head
13 mm
49 mm
38 mm 45.5 mm
13.8 g

Technical Data/Ratings

Approvals		
Wire Size (solid / stranded)	22-8 AWG	0.5-6 mm ²
Voltage Rating	600 V	1000V AC/DC
Current Rating	50 A	41 A
Torque	4.5 lb-in	0.5 Nm
Insulation Material	Polyamide 66	

22-8 AWG	0.5-6 mm ²
600 V	1000V AC/DC
50 A	41 A
4.5 lb-in	0.5 Nm
Polyamide 66	

16-6 AWG	1.5-10 mm ²
600 V	1000V AC/DC
65 A	57 A
10 lb-in	1.2 Nm
Polyamide 66	

16-4 AWG	1.5-16 mm ²
600 V	1000V AC/DC
85 A	76 A
25 lb-in	2.0 Nm
Polyamide 66	

Installation Instructions

Wire Stripping Length	
Screw / Stud Size	M3
Screwdriver	

—
M3
Phillips #2

—
M4
Phillips #2

—
M5
Phillips #2

Terminal Blocks

Grey (standard)	
Red R	
Blue BU	
Black BL	
Orange O	
Green G	
Yellow Y	
White W	

Cat. No.	Std. Pk.
CBS3U	50
CBS3U/R	50
CBS3U/BU	50
CBS3U/BL	50
CBS3U/O	50
CBS3U/G	50
CBS3U/Y	50
CBS3U/W	50

Cat. No.	Std. Pk.
CBS4U	50
CBS4U/R	50
CBS4U/BU	50
CBS4U/BL	50
CBS4U/O	50
CBS4U/G	50
CBS4U/Y	50
CBS4U/W	50

Cat. No.	Std. Pk.
CBS5U	50
CBS5U/R	50
CBS5U/BU	50
CBS5U/BL	50
CBS5U/O	50
CBS5U/G	50
CBS5U/Y	50
CBS5U/W	50

Accessories

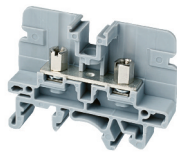
End Plate		
DIN Rail		
End Stop		
Insulated Jumper Fork Type	2 pole 3 pole 4 pole	
Insulated Jumper Ring Lug	2 pole 3 pole 4 pole	
Internal Jumper	2 pole 3 pole 4 pole 10 pole	
Protective Cover	2 Terminal 3 Terminal 4 Terminal 100 mm 200 mm 300 mm	
Marking Tag		

Cat. No.	Std. Pk.
EPCBS3U	50
2511120	20
CA701-15/S	20
2511160	10
CA802	50
CA514/15-2	100
CA514/15-3	50
CA514/15-4	50
CA514/17-2	100
CA514/17-3	50
CA514/17-4	50
CA728/2	100
CA728/3	100
CA728/4	100
CA728/10	10
—	—
CSTSPC2	10
CSTSPC2-1	10
CSTSPC1-2	10
CSTSPC1-3	10
CSTSPC1-4	10
MT9	1 Pk. (100 tags)

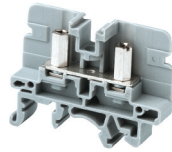
Cat. No.	Std. Pk.
EPCBS3U	50
2511120	20
CA701-15/S	20
2511160	10
CA802	50
CA514/2-2	100
CA514/2-3	50
CA514/2-4	50
CA514/4-2	100
CA514/4-3	50
CA514/4-4	50
CA772/2	100
CA772/3	100
CA772/4	100
CA772/10	10
—	—
CSTSPC2	10
CSTSPC2-1	10
CSTSPC1-2	10
CSTSPC1-3	10
CSTSPC1-4	10
MT9	1 Pk. (100 tags)

Cat. No.	Std. Pk.
EPCBS3U	50
2511120	20
CA701-15/S	20
2511160	10
CA802	50
CA514/2-2	100
CA514/2-3	50
CA514/2-4	50
CA514/4-2	100
CA514/4-3	50
CA514/4-4	50
CA772/2	100
CA772/3	100
CA772/4	100
CA772/10	10
—	—
CSTSPC2	10
CSTSPC2-1	10
CSTSPC1-2	10
CSTSPC1-3	10
CSTSPC1-4	10
MT9	1 Pk. (100 tags)

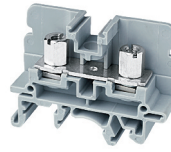
CSB3/N3U



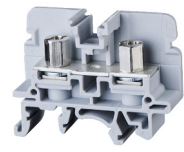
CSB3/N3UL



CSB4/N4U



CSB5/N5U



Dimensions & Weight

	50 A Ring Lug Terminal Slotted Hex Nut	50 A Ring Lug Terminal Long Slotted Hex Nut	65 A Ring Lug Terminal Slotted Hex Nut	85 A Ring Lug Terminal Slotted Hex Nut
Width	9 mm	9 mm	13 mm	13 mm
Length	49 mm	49 mm	49 mm	49 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	38 mm 45.5 mm	38 mm 45.5 mm	38 mm 45.5 mm
Weight per piece	10.2 g	11.7 g	19.0 g	19.0 g

Technical Data/Ratings

Approvals						
Wire Size (solid / stranded)	22-8 AWG	0.5-6 mm ²	22-8 AWG	0.5-6 mm ²	16-6 AWG	1.5-10 mm ²
Voltage Rating	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	65 A	57 A
Torque	4.5 lb-in	0.5 Nm	4.5 lb-in	0.5 Nm	10 lb-in	1.2 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	—	—	—	—
Screw / Stud Size	M3	M3	M4	M5
Screwdriver	Hex Nut Driver 7 mm	Flat Head 1.0 x 5.5 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)	CSB3/N3U	50	CSB3/N3UL	50	CSB4/N4U	50	CSB5/N5U	50
Red R	CSB3/N3U/R	50	CSB3/N3UL/R	50	CSB4/N4U/R	50	CSB5/N5U/R	50
Blue BU	CSB3/N3U/BU	50	CSB3/N3UL/BU	50	CSB4/N4U/BU	50	CSB5/N5U/BU	50
Black BL	CSB3/N3U/BL	50	CSB3/N3UL/BL	50	CSB4/N4U/BL	50	CSB5/N5U/BL	50
Orange O	CSB3/N3U/O	50	CSB3/N3UL/O	50	CSB4/N4U/O	50	CSB5/N5U/O	50
Green G	CSB3/N3U/G	50	CSB3/N3UL/G	50	CSB4/N4U/G	50	CSB5/N5U/G	50
Yellow Y	CSB3/N3U/Y	50	CSB3/N3UL/Y	50	CSB4/N4U/Y	50	CSB5/N5U/Y	50
White W	CSB3/N3U/W	50	CSB3/N3UL/W	50	CSB4/N4U/W	50	CSB5/N5U/W	50

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCBS3U	50	EPCBS3U	50	EPCBS3U	50	EPCBS3U	50
DIN Rail	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	CA802	50	CA802	50	CA802	50	CA802	50
Insulated Jumper	CA514/15-2	100	CA514/15-2	100	CA514/2-2	100	CA514/2-2	100
Fork Type	CA514/15-3	50	CA514/15-3	50	CA514/2-3	50	CA514/2-3	50
	CA514/15-4	50	CA514/15-4	50	CA514/2-4	50	CA514/2-4	50
Insulated Jumper	CA514/17-2	100	CA514/17-2	100	CA514/4-2	100	CA514/4-2	100
Ring Lug	CA514/17-3	50	CA514/17-3	50	CA514/4-3	50	CA514/4-3	50
	CA514/17-4	50	CA514/17-4	50	CA514/4-4	50	CA514/4-4	50
Internal Jumper	CA728/2	100	CA728/2	100	CA772/2	100	CA772/2	100
	CA728/3	100	CA728/3	100	CA772/3	100	CA772/3	100
	CA728/4	100	CA728/4	100	CA772/4	100	CA772/4	100
	CA728/10	10	CA728/10	10	CA772/10	10	CA772/10	10
Protective Cover	—	—	—	—	CSTSPC2	10	CSTSPC2	10
	CSTSPC2	10	CSTSPC2	10	CSTSPC2-1	10	CSTSPC2-1	10
	CSTSPC2-1	10	CSTSPC2-1	10	—	—	—	—
	CSTSPC1-2	10	CSTSPC1-2	10	CSTSPC1-2	10	CSTSPC1-2	10
	CSTSPC1-3	10	CSTSPC1-3	10	CSTSPC1-3	10	CSTSPC1-3	10
	CSTSPC1-4	10	CSTSPC1-4	10	CSTSPC1-4	10	CSTSPC1-4	10
Marking Tag	MT9	1 Pk. (100 tags)	MT9	1 Pk. (100 tags)	MT9	1 Pk. (100 tags)	MT9	1 Pk. (100 tags)

CSTSN SERIES

STUD / RING LUG TERMINALS

STUD TYPE RING LUG TERMINAL BLOCKS

HIGHLIGHTS

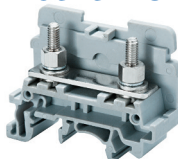
FEATURES

- Various sizes
 - Wire size up to 2 AWG
 - Current rating up to 125 A
- Suitable for standard fork type / ring lug connectors
- Version with standard Hex Nut (**CSTSN Series**)
- Version with slotted barrel (**CSTSB Series**)
- Compact design
- 2, 3, 4 pole fork type and ring lug jumpers

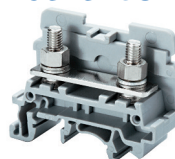
APPLICATIONS

- Applications with vibration
 - Machinery
 - Transportation
 - Vehicles
- Provides solution when ring / fork lug is needed
- Compact / Space saving Panels

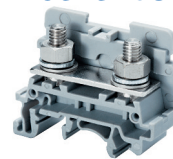
CSTSN4U



CSTSN5U



CSTSN6U



Dimensions & Weight

	CSTSN4U	CSTSN5U	CSTSN6U
Width	17 mm	17 mm	17 mm
Length	50 mm	50 mm	50 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	40.7 mm 48.0 mm	40.7 mm 48.0 mm
Weight per piece	21.5 g	23.4 g	30.4 g

Technical Data/Ratings

Approvals	    	  	  			
Wire Size (solid / stranded)	22-6 AWG	1.5-10 mm ²	22-4 AWG	1.5-16 mm ²	22-2 AWG	1.5-35 mm ²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	65 A	57 A	80 A	76 A	125 A	125 A
Torque	14 lb-in	1.2 Nm	25 lb-in	2.0 Nm	25 lb-in	3.0 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	—	—	—
Screw / Stud Size	M4	M5	M6
Screwdriver	Hex Nut Driver 7 mm	Hex Nut Driver 8 mm	Hex Nut Driver 9 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	CSTSN4U	100	CSTSN5U	100	CSTSN6U	100
Red R	CSTSN4U/R	100	CSTSN5U/R	100	CSTSN6U/R	100
Blue BU	CSTSN4U/BU	100	CSTSN5U/BU	100	CSTSN6U/BU	100
Black BL	CSTSN4U/BL	100	CSTSN5U/BL	100	CSTSN6U/BL	100
Orange O	CSTSN4U/O	100	CSTSN5U/O	100	CSTSN6U/O	100
Green G	CSTSN4U/G	100	CSTSN5U/G	100	CSTSN6U/G	100
Yellow Y	CSTSN4U/Y	100	CSTSN5U/Y	100	CSTSN6U/Y	100
White W	CSTSN4U/W	100	CSTSN5U/W	100	CSTSN6U/W	100

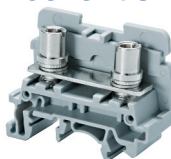
Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCSTSU	50	EPCSTSU	50	EPCSTSU	50
DIN Rail	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
End Stop	CA802	50	CA802	50	CA802	50
Insulated Jumper Fork Type	CA514/1-2	100	CA514/1-2	100	CA514/7-2	100
	CA514/1-3	50	CA514/1-3	50	CA514/7-3	50
	CA514/1-4	50	CA514/1-4	50	CA514/7-4	50
Jumper Ring Lug	CA514/3-2	100	CA514/3-2	100	CA514/8-2	100
	CA514/3-3	50	CA514/3-3	50	CA514/8-3	50
	CA514/3-4	50	CA514/3-4	50	CA514/8-4	50
Protective Cover	CSTSPC2	10	CSTSPC2	10	CSTSPC2	10
3 Terminal	CSTSPC2-1	10	CSTSPC2-1	10	CSTSPC2-1	10
4 Terminal	—	—	—	—	—	—
100 mm	CSTSPC1-2	10	CSTSPC1-2	10	CSTSPC1-2	10
200 mm	CSTSPC1-3	10	CSTSPC1-3	10	CSTSPC1-3	10
300 mm	CSTSPC1-4	10	CSTSPC1-4	10	CSTSPC1-4	10
Marking Tag	MT2B4	1 Pk. (100 tags)	MT2B4	1 Pk. (100 tags)	MT2B4	1 Pk. (100 tags)

CSTSB4U



CSTSB5U



Dimensions & Weight

	CSTSB4U	CSTSB5U
Width	17 mm	17 mm
Length	50 mm	50 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	40.7 mm 48.0 mm
Weight per piece	24 g	25.5 g

Technical Data/Ratings

Approvals		
Wire Size (solid / stranded)	22-6 AWG 1.5-10 mm ²	22-4 AWG 1.5-16 mm ²
Voltage Rating	600 V 1000V AC/DC	600 V 1000V AC/DC
Current Rating	65 A 57 A	80 A 76 A
Torque	14 lb-in 1.2 Nm	25 lb-in 2.0 Nm
Insulation Material	Polyamide 66	Polyamide 66

Installation Instructions

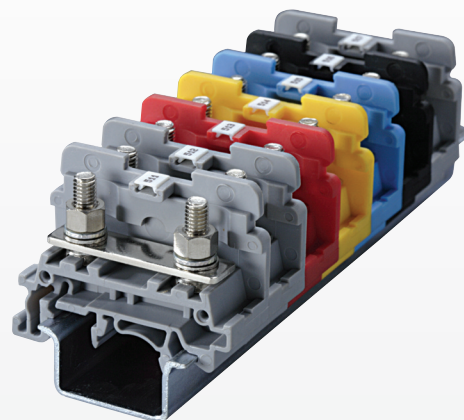
Wire Stripping Length	—	—
Screw / Stud Size	M4	M5
Screwdriver	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	CSTSB4U	100	CSTSB5U	100
Red R	CSTSB4U/R	100	CSTSB5U/R	100
Blue BU	CSTSB4U/BU	100	CSTSB5U/BU	100
Black BL	CSTSB4U/BL	100	CSTSB5U/BL	100
Orange O	CSTSB4U/O	100	CSTSB5U/O	100
Green G	CSTSB4U/G	100	CSTSB5U/G	100
Yellow Y	CSTSB4U/Y	100	CSTSB5U/Y	100
White W	CSTSB4U/W	100	CSTSB5U/W	100

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCSTSU	50	EPCSTSU	50
DIN Rail	2511120	20	2511120	20
32mm	CA701-15/S	20	CA701-15/S	20
35mm	2511160	10	2511160	10
End Stop	CA802	50	CA802	50
Insulated Jumper Fork Type	CA514/1-2	100	CA514/1-2	100
2 pole	CA514/1-3	50	CA514/1-3	50
3 pole	CA514/1-4	50	CA514/1-4	50
4 pole	CA514/3-2	100	CA514/3-2	100
Insulated Jumper Ring Lug	CA514/3-3	50	CA514/3-3	50
2 pole	CA514/3-4	50	CA514/3-4	50
3 pole	CSTSPC2	10	CSTSPC2	10
4 pole	CSTSPC2-1	10	CSTSPC2-1	10
Protective Cover	—	—	—	—
2 Terminal	CSTSPC1-2	10	CSTSPC1-2	10
3 Terminal	CSTSPC1-3	10	CSTSPC1-3	10
4 Terminal	CSTSPC1-4	10	CSTSPC1-4	10
100 mm				
200 mm				
300 mm				
Marking Tag	MT2B4	1 Pk. (100 tags)	MT2B4	1 Pk. (100 tags)



STH SERIES

STUD / RING LUG TERMINALS

HINGE TYPE RING LUG TERMINAL BLOCKS

HIGHLIGHTS

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
- Provides solution when ring / fork lug is needed

Dimensions & Weight

	STH3	STH4	STH6
Width	9 mm	11 mm	18 mm
Length	47 mm	46 mm	64 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	47.3 mm 54.8 mm	52.2 mm 59.0 mm
Weight per piece	15.0 g	62.5 g	57.8 g

Technical Data/Ratings

Approvals	  	   E220514C US60947-7-1	   E220514C US60947-7-1	   E220514C US60947-7-1		
Wire Size (solid / stranded)	22-8 AWG	1.5-6 mm ²	22-8 AWG	1.5-6 mm ²	22-2 AWG	1.5-35 mm ²
Voltage Rating	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	115 A	125 A
Torque	4.5 lb-in	0.5 Nm	14 lb-in	1.2 Nm	25 lb-in	3.0 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

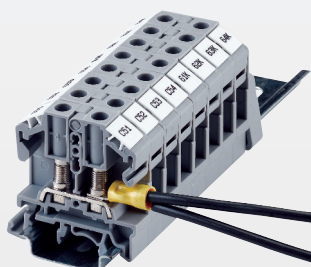
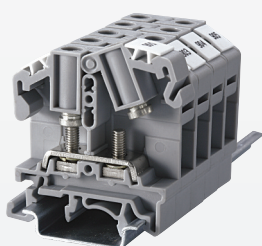
Wire Stripping Length	—	—	—
Screw / Stud Size	M3	M4	M6
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

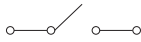
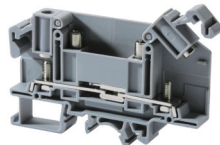
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	STH3	100	STH4	50	STH6	50
Red R	STH3/R	100	STH4/R	50	STH6/R	50
Blue BU	STH3/BU	100	STH4/BU	50	STH6/BU	50
Black BL	STH3/BL	100	STH4/BL	50	STH6/BL	50
Orange O	STH3/O	100	STH4/O	50	STH6/O	50
Green G	STH3/G	100	STH4/G	50	STH6/G	50
Yellow Y	STH3/Y	100	STH4/Y	50	STH6/Y	50
White W	STH3/W	100	STH4/W	50	STH6/W	50

Accessories

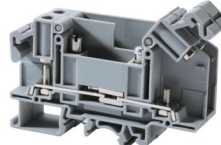
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPSTH3	50	EPSTH4	50	EPSTH6	50
DIN Rail	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
End Stop	CA702	100	CA702	100	CA702	100
	CA802	50	CA802	50	CA802	50
	CA202	50	CA202	50	CA202	50
Jumpers	CA512/15-2	100	CA512/13-2	100	—	—
Fork Type	CA512/15-3	50	CA512/13-3	50	—	—
	CA512/15-4	50	CA512/13-4	50	—	—
Insulated Jumpers	CA514/15-2	100	CA514/13-2	100	—	—
Fork Type	CA514/15-3	50	CA514/13-3	50	—	—
	CA514/15-4	50	CA514/13-4	50	—	—
Jumpers	CA512/17-2	100	CA512/14-2	100	—	—
Ring Lug	CA512/17-3	50	CA512/14-3	50	—	—
	CA512/17-4	50	CA512/14-4	50	—	—
Insulated Jumpers	CA514/17-2	100	CA514/14-2	100	—	—
Ring Lug	CA514/17-3	50	CA514/14-3	50	—	—
	CA514/17-4	50	CA514/14-4	50	—	—
Internal Jumpers	CA773/2	100	—	—	CA774/2	100
	CA773/3	50	—	—	CA774/3	50
	CA773/4	50	—	—	CA774/4	50
	CA773/10	10	—	—	—	—
Marking Tag	MT8	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)



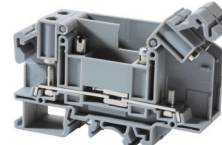
STH4DT



STH4DTSH



STH4DTFT



Dimensions & Weight

Width	11 mm	22 mm	11 mm
Length	86 mm	86 mm	86 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	52.2 mm 59.0 mm	52.2 mm 59.0 mm
Weight per piece	42.8 g	42.3 g	36.6 g

Technical Data/Ratings

Approvals	  	  	  	  		
Wire Size (solid / stranded)	22-8 AWG	1.5-6 mm ²	22-8 AWG	1.5-6 mm ²	22-8 AWG	1.5-6 mm ²
Voltage Rating	600 V	1000V AC/DC	300 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	35 A	41 A	25 A	34 A	50 A	41 A
Torque	14 lb-in	1.2 Nm	14 lb-in	1.2 Nm	14 lb-in	1.2 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	—	—	—
Screw / Stud Size	M4	M4	M4
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm

Terminal Blocks

Grey		STH4DT	50	STH4DTSH	24	STH4DTFT	100
------	---	--------	----	----------	----	----------	-----

Accessories

End Plate	EPSTH4DT	50	EPSTH4DT	50	EPSTH4DT	50
DIN Rail	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
End Stop	CA702	100	CA702	100	CA702	100
	CA802	50	CA802	50	CA802	50
	CA202	50	CA202	50	CA202	50
Jumpers	CA512/13-2	100	CA512/13-2	100	CA512/13-2	100
Fork Type	CA512/13-3	50	CA512/13-3	50	CA512/13-3	50
	CA512/13-4	50	CA512/13-4	50	CA512/13-4	50
Insulated Jumpers	CA514/13-2	100	CA514/13-2	100	CA514/13-2	100
Fork Type	CA514/13-3	50	CA514/13-3	50	CA514/13-3	50
	CA514/13-4	50	CA514/13-4	50	CA514/13-4	50
Jumpers	CA512/14-2	100	CA512/14-2	100	CA512/14-2	100
Ring Lug	CA512/14-3	50	CA512/14-3	50	CA512/14-3	50
	CA512/14-4	50	CA512/14-4	50	CA512/14-4	50
Insulated Jumpers	CA514/14-2	100	CA514/14-2	100	CA514/14-2	100
Ring Lug	CA514/14-3	50	CA514/14-3	50	CA514/14-3	50
	CA514/14-4	50	CA514/14-4	50	CA514/14-4	50
Insulated Alternate Jumpers	CA514/14-3A	10	CA514/14-3A	10	CA514/14-3A	10
	CA514/14-4A	10	CA514/14-4A	10	CA514/14-4A	10
Shorting Plug	QJ11/2	25	QJ11/2	25	—	—
Lock Out Cap	LCSTH4DT	25	LCSTH4DT	25	—	—
Marking Tag	MT10	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)

HIGHLIGHTS

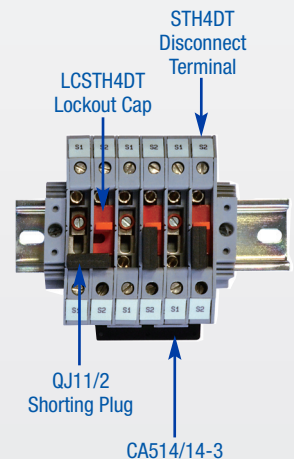
FEATURES

- Bolt Disconnect Terminals
- Disconnect (STH4DT)
- 2 Shorted Disconnect Terminals (STH4DTSH)
- Feed-Through with same profile (STH4DTFT)
- Suitable for standard fork type / ring lugs
- Captive nut system
- IP20 touch proof terminals with hinged plastic cover
- 2, 3, 4 pole fork type and ring lug jumpers

APPLICATIONS

- Disconnect / Test Applications
- Measuring / Control Circuit
- Utility Instruments and Transformer Applications
- Meter Replacement
- External Current Measurement

Disconnect / Test Application for Metering CT



CBB SERIES

STUD / RING LUG TERMINALS

RING LUG POWER TERMINAL BLOCKS

HIGHLIGHTS

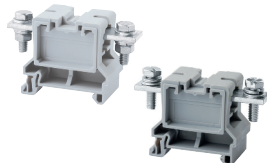
FEATURES

- High Current up to 310A
- Feed-Through Terminals
 - Nut / Bolt version
 - Version with threaded current bar (LS) for fast wiring without 2 wrenches
- Wire crimped into ring / fork lug on to the flat current bar
- Special Mounting foot design for tight fit on rail
- Protective Cover in various length
- 2, 3 pole jumper bars

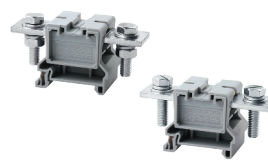
APPLICATIONS

- High Current Power Applications
- Large size wires
- Power Distribution Feeding Applications
- Provides solution when ring / fork lug is needed

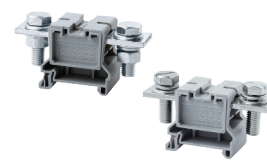
CBB35/50 CBB35/50LS



CBB70 CBB70LS



CBB95 CBB95LS



Dimensions & Weight

Width	
Length	
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm
Weight per piece	

150 A Feed Through Power Terminal
32 mm
75 mm
47.5 mm 54.5 mm
82.0 g

175 A Feed Through Power Terminal
38 mm
92 mm
47.5 mm 54.5 mm
157.5 g

230 A Feed Through Power Terminal
38 mm
92 mm
47.5 mm 54.5 mm
193.0 g

Technical Data/Ratings

Approvals		
Wire Size (solid / stranded)	10-1/0 AWG	6-50.0 mm ²
Voltage Rating	600 V	1000V AC/DC
Current Rating	150 A	150 A
Torque	27 lb-in	3.0 Nm
Insulation Material	Polyamide 66	

8-2/0 AWG	6-70.0 mm ²	8-4/0 AWG
600 V	1000V AC/DC	600 V
175 A	192 A	230 A
54.5 lb-in	6.0 Nm	90 lb-in
Polyamide 66		

8-2/0 AWG	6-70.0 mm ²	8-4/0 AWG
600 V	1000V AC/DC	600 V
175 A	192 A	230 A
54.5 lb-in	6.0 Nm	90 lb-in
Polyamide 66		

8-2/0 AWG	6-70.0 mm ²	8-4/0 AWG
600 V	1000V AC/DC	600 V
175 A	192 A	230 A
54.5 lb-in	6.0 Nm	90 lb-in
Polyamide 66		

Installation Instructions

Wire Stripping Length	
Screw / Stud Size	M6
Screwdriver	

—
M6
Wrench M6 Flat Head 1 x 5.5 mm

—
M8
Wrench M8 Flat Head 1 x 1.5 mm

—
M10
Wrench M10 Flat Head 1 x 1.5 mm

Terminal Blocks

Grey	
Nut & Bolt configuration	
Threaded Current Bar	

Cat. No.	Std. Pk.
CBB35/50	10
CBB35/50LS	10

Cat. No.	Std. Pk.
CBB70	10
CBB70LS	10

Cat. No.	Std. Pk.
CBB95	10
CBB95LS	10

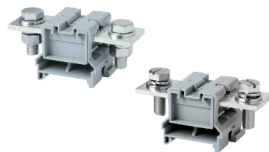
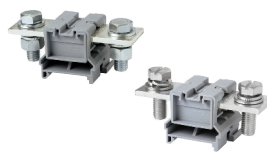
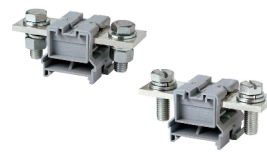
Accessories

Partition Plate		PPCBB	50
DIN Rail		2511120 CA701-15/S	20 20
End Stop		CA102 CA202	50 50
Protective Cover for installing on PPCBB & PPCBB1	70 mm 80 mm 100 mm 130 mm 160 mm 200 mm 250 mm	CBBPC1/70 CBBPC1/80 CTSPC2-1 CBBPC1/130 CBBPC1/160 CBBPC1/200 CBBPC1/250	10 10 10 10 10 10 10
Permanent Jumper Bars	2 pole 3 pole	CA790/2 CA790/3	10 10
Marking Tag		MT12	1 Pk. (100 tags)

Cat. No.	Std. Pk.
PPCBB	50
2511120 CA701-15/S	20 20
CA102 CA202	50 50
CBBPC1/70 CBBPC1/80 CTSPC2-1 CBBPC1/130 CBBPC1/160 CBBPC1/200 CBBPC1/250	10 10 10 10 10 10 10
CA790/2 CA790/3	10 10
MT12	1 Pk. (100 tags)

Cat. No.	Std. Pk.
PPCBB	50
2511120 CA701-15/S	20 20
CA102 CA202	50 50
CBBPC1/70 CBBPC1/80 CTSPC2-1 CBBPC1/130 CBBPC1/160 CBBPC1/200 CBBPC1/250	10 10 10 10 10 10 10
CA791/2 CA791/3	10 10
MT16	1 Pk. (100 tags)

Cat. No.	Std. Pk.
PPCBB1	50
2511120 CA701-15/S	20 20
CA102 CA202	50 50
— — CBBPC2/100 — CBBPC2/160 CBBPC2/200 CBBPC2/250	— — 10 — 10 10 10
CA791/2 CA791/3	10 10
MT16	1 Pk. (100 tags)

**CBB120
CBB120LS****CBB150
CBB150LS****CBB185
CBB185LS****Dimensions & Weight**

	255 A Feed Through Power Terminal	285 A Feed Through Power Terminal	310 A Feed Through Power Terminal
Width	48 mm	48 mm	48 mm
Length	100 mm	110 mm	110 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	47.3 mm 54.5 mm	47.3 mm 54.5 mm	47.3 mm 54.5 mm
Weight per piece	244.0 g	316.0 g	319.4 g

Technical Data/Ratings

Approvals   	  	  	  
	E220514 C US 60947-7-1	E220514 C US 60947-7-1	E220514 C US 60947-7-1
Wire Size (solid / stranded)	8-250 KCMIL 16-120 mm ²	8-300 KCMIL 16-150 mm ²	8-350 KCMIL 16-185 mm ²
Voltage Rating	600 V 1000V AC/DC	600 V 1000V AC/DC	600 V 1000V AC/DC
Current Rating	255 A 269 A	285 A 309 A	310 A 353 A
Torque	90 lb-in 10.0 Nm	127 lb-in 14.0 Nm	127 lb-in 14.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66

Installation Instructions

Wire Stripping Length 	—	—	—
Screw / Stud Size	M10	M12	M12
Screwdriver 	Wrench M10 Flat Head 1 x 1.5 mm	Wrench M12 Flat Head 1 x 1.5 mm	Wrench M12 Flat Head 1 x 1.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey 						
Nut & Bolt configuration	CBB120	10	CBB150	10	CBB185	10
Threaded Current Bar	CBB120LS	10	CBB150LS	10	CBB185LS	10

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Partition Plate 	PPCBB1	50	PPCBB1	50	PPCBB1	50
DIN Rail 	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop 	CA102 CA202	50 50	CA102 CA202	50 50	CA102 CA202	50 50
Protective Cover for installing on PPCBB & PPCBB1 	100 mm 160 mm 200 mm 250 mm	CBBPC2/100 10 CBBPC2/160 10 CBBPC2/200 10 CBBPC2/250 10	100 mm 160 mm 200 mm 250 mm	CBBPC2/100 10 CBBPC2/160 10 CBBPC2/200 10 CBBPC2/250 10	100 mm 160 mm 200 mm 250 mm	CBBPC2/100 10 CBBPC2/160 10 CBBPC2/200 10 CBBPC2/250 10
Permanent Jumper Bars 	2 pole 3 pole	CA793/2 10 CA793/3 10	2 pole 3 pole	CA794/2 10 CA794/3 10	2 pole 3 pole	CA794/2 10 CA794/3 10
Marking Tag 	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

PTB SERIES

STUD / RING LUG TERMINALS

HIGHLIGHTS

FEATURES

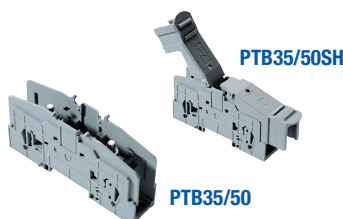
- Panel / DIN Rail mountable
- High Current up to 230A
- Finger safe protective cover (PSPTBXX)
- Modular / stackable design
- 2, 3, 4 pole jumper system

APPLICATIONS

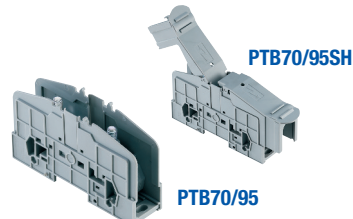
- High Current Power Applications
- Large size wires
- Power Distribution Feeding Applications
- Provides solution when ring / fork lug is needed

HIGH CURRENT POWER TERMINAL BLOCKS

PTB35/50 PTB35/50SH



PTB70/95 PTB70/95SH



Dimensions & Weight

Width	25 mm	32 mm
Length	113 / 169 mm	130 / 192 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	76.6 / 78.0 mm 84.5 / 86.0 mm
Weight per piece	112.0 / 130.5 g	174.4 / 198.2 g

Technical Data/Ratings

Approvals		
Wire Size (solid / stranded)	8-2 AWG 1.5-50 mm ²	8-4/0 AWG 1.5-95 mm ²
Voltage Rating	600 V 1000V AC/DC	600 V 1000V AC/DC
Current Rating	115 A 150 A	230 A 232 A
Torque	27 lb-in 3.0 Nm	87 lb-in 10.0 Nm
Insulation Material	Polyamide 66	Polyamide 66

Installation Instructions

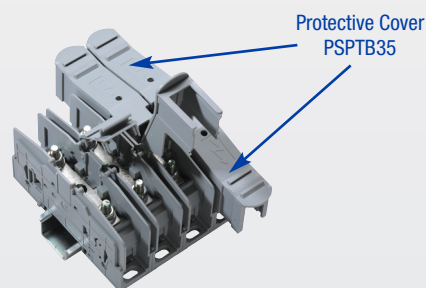
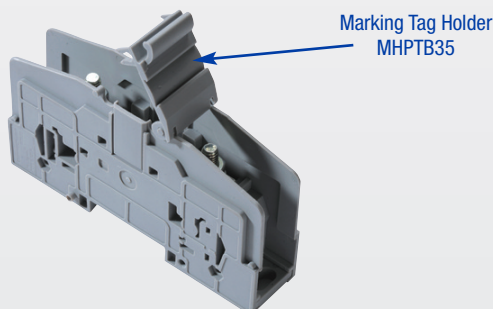
Wire Stripping Length	—	—
Screw / Stud Size	M6	M8
Screwdriver	Hex Nut Driver 10 mm	Hex Nut Driver 13 mm

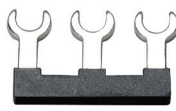
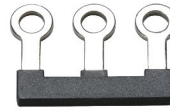
Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	PTB35/50	10	PTB70/95	10
	PTB35/50SH	10	PTB70/95SH	10

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Protective Cover	PSPTB35	20	PSPTB70	10
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA102 CA202	50 50	CA102 CA202	50 50
Jumper System	CA703/9 CA704/9 CA705/9	10 10 10	CA703/11 CA704/11 CA705/11	10 10 10
Marking Tag	MT9	1 Pk. (100 tags)	MT9	1 Pk. (100 tags)
Marking Tag Holder	MHPTB35		MHPTB35	



Fork Type
JumperInsulated Fork Type
JumperRing Lug
JumperInsulated Ring Lug
JumperInternal
JumperAlternate Jumper
for STH4DT Series

Terminal Block Series	Poles	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CBS3U	2 Pole	CA512/15-2	100	CA514/15-2	100	CA512/17-2	100	CA514/17-2	100	CA728/2	50	N/A	
CSB3/N3U	3 Pole	CA512/15-3	50	CA514/15-3	50	CA512/17-3	50	CA514/17-3	50	CA728/3	50		
CSB3/N3UL	4 Pole	CA512/15-4	50	CA514/15-4	50	CA512/17-4	50	CA514/17-4	50	CA728/4	50		
STH3	10 Pole									CA728/10	10		
CBS4U	2 Pole	CA512/2-2	100	CA514/2-2	100	CA512/4-2	100	CA514/4-2	100	CA772/2	100	N/A	
CBS5U	3 Pole	CA512/2-3	50	CA514/2-3	50	CA512/4-3	50	CA514/4-3	50	CA772/3	50		
CSB4/N4UL	4 Pole	CA512/2-4	50	CA514/2-4	50	CA512/4-4	50	CA514/4-4	50	CA772/4	50		
CSB5/N5U	10 Pole									CA772/10	10		
CSTSN4U	2 Pole	CA512/1-2	100	CA514/1-2	100	CA512/3-2	100	CA514/3-2	100	N/A	N/A		
CSTSN5U	3 Pole	CA512/1-3	50	CA514/1-3	50	CA512/3-3	50	CA514/3-3	50				
CSTSN6U	4 Pole	CA512/1-4	50	CA514/1-4	50	CA512/3-4	50	CA514/3-4	50				
CSTSB4U													
CSTSB5U													
CSTSN6U	2 Pole	CA512/7-2	100	CA514/7-2	100	CA512/8-2	100	CA514/8-2	100	N/A	N/A		
	3 Pole	CA512/7-3	50	CA514/7-3	50	CA512/8-3	50	CA514/8-3	50				
	4 Pole	CA512/7-4	50	CA514/7-4	50	CA512/8-4	50	CA514/8-4	50				
STH4	2 Pole	CA512/13-2	100	CA514/13-2	100	CA512/14-2	100	CA514/14-2	100	N/A		CA514/14-3A	10
STH4DT	3 Pole	CA512/13-3	50	CA514/13-3	50	CA512/14-3	50	CA514/14-3	50				
STH4DTFT	4 Pole	CA512/13-4	50	CA514/13-4	50	CA512/14-4	50	CA514/14-4	50				
STH6	2 Pole	N/A		N/A		N/A		N/A		CA774/2	100		
	3 Pole									CA774/3	50		
	4 Pole									CA774/4	50		

END STOPS

CA802



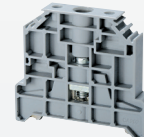
Cat. No	Dimensions	Std. Pk.
CA802	32 x 45 x 8 mm	50

CA707



Cat. No	Dimensions	Std. Pk.
CA702	34 x 45 x 9 mm	50

CA202

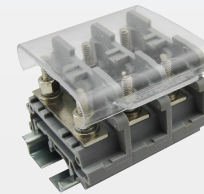


Cat. No	Dimensions	Std. Pk.
CA202	44.5 x 50 x 9.5 mm	50

ENDPLATES / PROTECTIVE COVERS



Terminal Block	Cat. No	Dimensions	Std. Pk.
CBS Series	EPCBS3U	26.2 x 49 x 1.5 mm	50
CSB Series			
CSTSN Series	EPCSTSU	31 x 50 x 1.5 mm	50
CSTSB Series			
STH3	EPSTH3	34 x 47 x 1.5 mm	50
STH4	EPSTH4	39.5 x 46 x 1.5 mm	50
STH6	EPSTH6	51 x 63.5 x 1.5 mm	50
STH4DT	EPSTH4DT	37.5 x 86 x 1.5 mm	50



For CBS, CSB, CSTS Series

Length	Cat. No.	Std. Pk.
100mm	CSTSPC1-2	10
200mm	CSTSPC1-3	10
300mm	CSTSPC1-4	10