

MELAMINE

TERMINAL BLOCKS

High Grade Melamine Terminal Blocks are suitable for applications involving high temperature. Connections can be made by simply stripping the wire of its insulation to the recommended length and clamping it without any additional preparation. In no instance does the clamping screw act directly on the wire and this effectively prevents damage to the wire.



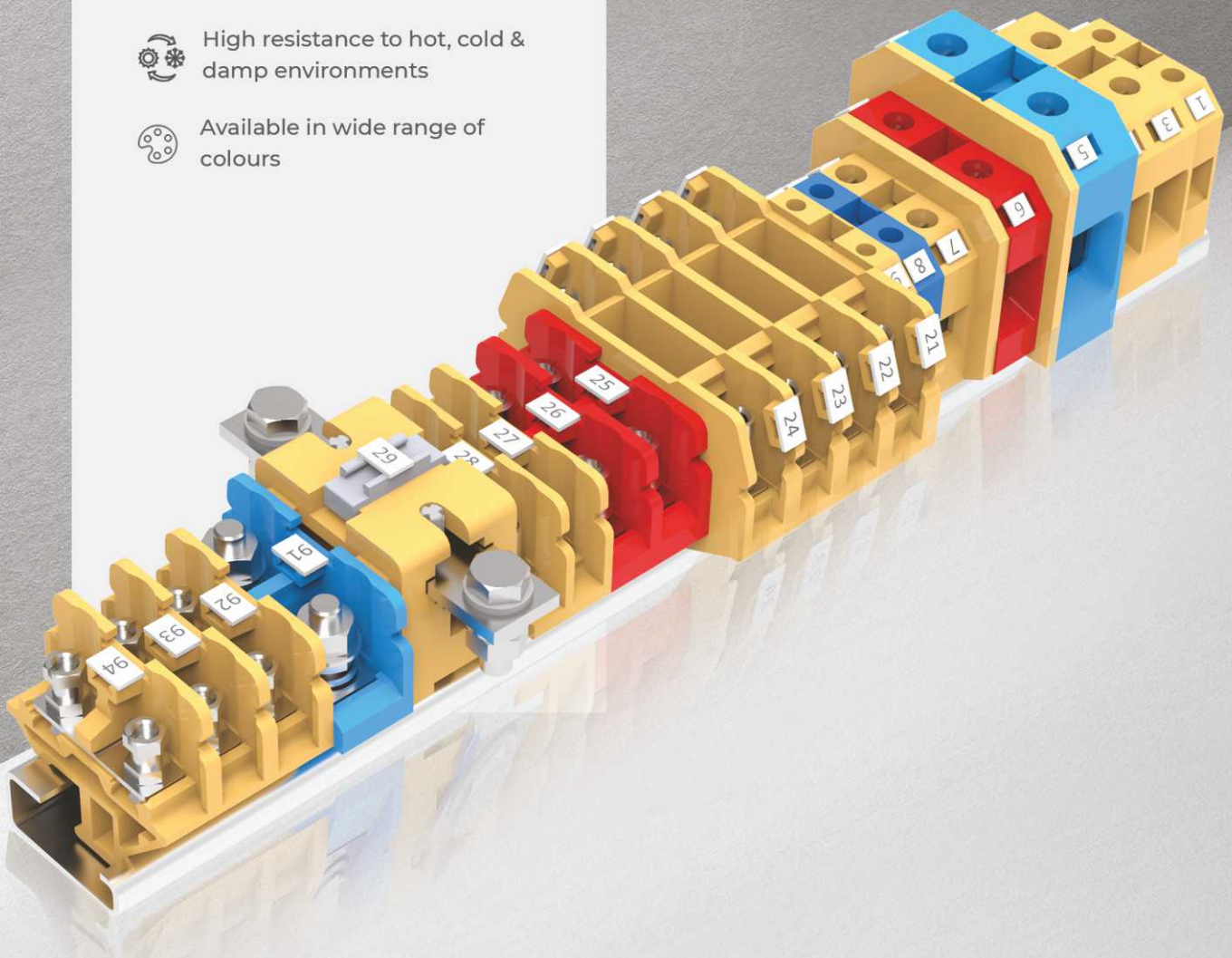
Suitable for High Temperature Applications



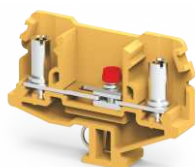
High resistance to hot, cold & damp environments



Available in wide range of colours

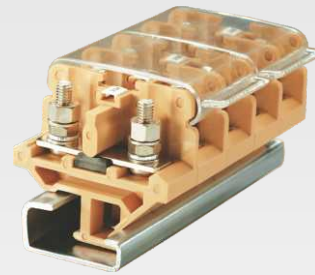


MELAMINE TERMINAL BLOCKS

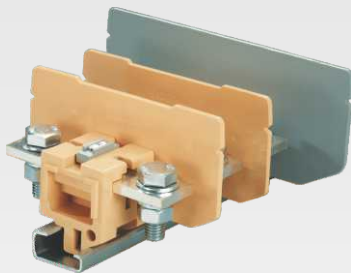
**Feed Through****259 - 261****Stud Type****262 - 266****Disconnect & Test****267 - 268****Bus Bar****268 - 270****Spring Loaded****271 - 272****Multipole Strip****273 - 274****Ceramic Terminal****275 - 276**



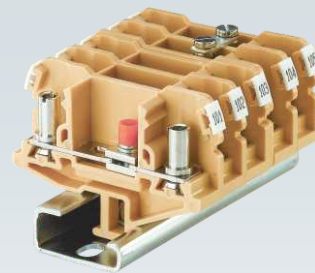
Screw Clamp Terminal Blocks with a high torque clamping system ensuring safe, gas tight connections. Cold forged, rolled threaded screws ensure highly reliable connections.



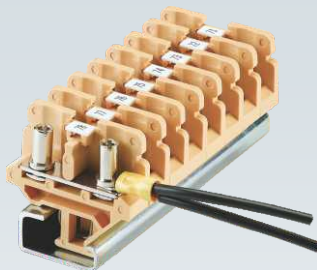
High Torque clamping system for ring & fork type lugs / ferrules. Extremely effective clamping system for areas prone to high vibrations.



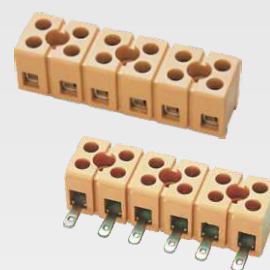
High current terminal blocks provide extremely reliable connection for higher size wires. Additional isolation plates are used to make these assemblies safe.



Disconnecting Terminal Block system is a versatile wire connection method for current transformer and power meters. A wide range of accessories eases the testing of these instruments.



Commercially available ring or fork type lugs / ferrules can be used for terminating multiple wires. The bolt & nut system make these multi wire connections safe and secure.

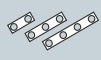


Strip type terminals are used for electric and electronic equipments and smaller junction boxes. They can be cut to different pole configurations.

STANDARD FEED THROUGH TERMINAL BLOCKS

These Terminal Blocks are ideal choice for use in High Temperature applications. These Terminal Blocks can be mounted on a standard 'G' rail and are available for wire sizes from 0.2 to 35 sq.mm

These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of jumpers / sleeves & screws. The specially designed 'Knock Out' at the center must be removed to facilitate permanent shorting.

Width (Thickness) x Length		6.7 x 40 mm			
Height with DIN 32 x 15 mm Rail		52 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²		22 - 10 AWG	
	Solid	0.2 - 6.0 mm ²			
	with Ferrule / Lug	0.2 - 4.0 mm ²		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²		22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²		22 - 12 AWG	
Wire Stripping Length		12 mm			
Ratings As Per		IEC60947-7-1 CSA22.2-158			
Voltage		800 V	600 V		
Current		32 A	40 A*		
Torque		0.5 Nm	7 lb-in		
Approvals					
Insulation Material / Comparative Tracking Index		Melamine / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			
Terminal Block		Type / Cat. No.		Standard Pack	
		CTS2.5		200	
End Plate		CTSEP1		50	
Partition Plate		CTSP1L		50	
Mounting Rail (Refer Pg. 279 for details)		CA501-1M / CA501-1M-S		25 m	
End Clamp (Refer Pg. 280 for details)		CA502 / CA702		50	
Marking Tags (Refer Pg. 286 for details)		CA509/K2WHT		100	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10	
Jumpers					
Screw Type Jumpers		2 pole	CA522/2	32 A	100
		3 pole	CA522/3	32 A	100
		4 pole	CA522/4	32 A	100
		10 pole	CA522/10	32 A	10
Jumper Bar		2 pole			
		3 pole			
		4 pole			
		10 pole			
Short Sleeve & Screw for configurable jumper bar					
Short Stud & Screw for configurable jumper bar					
Switchable Jumper					
Long Sleeve & Screw for Switchable Jumpers					
Long Stud & Screw for Switchable Jumpers					
Test Socket					

* 40 Amp with two 12 AWG wires
35 Amp with one 10 AWG wire

CTS6



8 x 40 mm

52 mm

IEC	UL - CSA
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 4.0 mm ²	22 - 10 AWG
1.5 - 4.0 mm ²	22 - 10 AWG

10 mm

IEC60947-7-1 CSA22.2-158

1000 V	600 V		
41 A	50 A		
0.8 Nm	14 lb-in		



Melamine / 1

Type / Cat. No.	Standard Pack
CTS6	200
CTSEP1	50
CTSP1L	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA723/2	CA743/2	41 A	100
CA723/3	CA743/3	41 A	100
CA723/4	CA743/4	41 A	100
CA723/10	CA743/10	41 A	10
CA703/2		41 A	100
CA704/2		41 A	100
CA705/2		41 A	100
CA733/10		41 A	100

CA707/S/Q/1			100
CA507/S/1			100
CA706/2		41 A	100
CA707/L/Q/1			100
CA507/L/1			100
CA707/TS/05			100

CTS10



10 x 40 mm

52 mm

IEC	UL - CSA
1.5 - 10.0 mm ²	22 - 6 AWG
1.5 - 10.0 mm ²	22 - 6 AWG
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 6.0 mm ²	22 - 10 AWG

12 mm

IEC60947-7-1 CSA22.2-158

1000 V	600 V		
57 A	65 A		
1.2 Nm	14 lb-in		



Melamine / 1

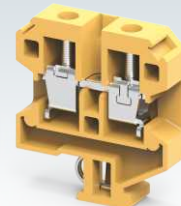
8 KV / 3

Type / Cat. No.	Standard Pack
CTS10	200
CTSEP1	50
CTSP1L	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA724/2	CA744/2	57 A	100
CA724/3	CA744/3	57 A	100
CA724/4	CA744/4	57 A	100
CA724/10	CA744/10	57 A	10
CA703/3		57 A	100
CA704/3		57 A	100
CA705/3		57 A	100
CA734/10		57 A	100

CA707/S/Q/1			100
CA707/L/Q/1			100
CA707/TS/05			100

CTS16



12 x 50 mm

57.5 mm

IEC	UL - CSA
6.0 - 16.0 mm ²	20 - 4 AWG
6.0 - 16.0 mm ²	20 - 4 AWG
6.0 - 10.0 mm ²	20 - 8 AWG
6.0 - 10.0 mm ²	20 - 8 AWG

14 mm

IEC60947-7-1 CSA22.2-158

1000 V	600 V		
76 A	85 A		
1.2 Nm	14 lb-in		



Melamine / 1

8 KV / 3

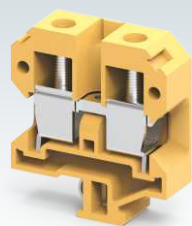
Type / Cat. No.	Standard Pack
CTS16	100
CTSEP2	50
CTSP2	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA751/2	CA761/2	65 A	50
CA751/3	CA761/3	65 A	50
CA751/4	CA761/4	65 A	50
CA751/10	CA761/10	65 A	10
CA703/8		65 A	100
CA704/8		65 A	100
CA705/8		65 A	100
CA739/10		65 A	100

CA507/S/Q/1			100
CA707/L/Q/1			100
CA707/TS/05			100

STANDARD FEED THROUGH TERMINAL BLOCKS

CTS35



Width (Thickness) x Length	18 x 58 mm			
Height with DIN 32 x 15 mm Rail	66.8 mm			
Connection Possibility as per	IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	10.0 - 35.0 mm ²		8 - 2 AWG
	with Ferrule / Lug	10.0 - 35.0 mm ²		8 - 2 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	10.0 - 16.0 mm ²		8 - 6 AWG
	with TWIN Ferrule / Lug	10.0 - 16.0 mm ²		8 - 6 AWG
Wire Stripping Length	20 mm			
Ratings As Per	IEC60947-7-1 CSA22.2-158			
Voltage	1100 V	600 V		
Current	125 A	145 A		
Torque	2.5 Nm	25 lb-in		
Approvals				
Insulation Material / Comparative Tracking Index	Melamine / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			

	Type / Cat. No.	Standard Pack
Terminal Block	CTS35	50
End Plate	CTSEP3	25
Partition Plate	CTSPP3	25
Mounting Rail (Refer Pg. 279 for details)	CA501-1M / CA501-1M-S	25 m
End Clamp (Refer Pg. 280 for details)	CA502 / CA702	50
Marking Tags (Refer Pg. 286 for details)	CA509/K2WHT	100
Screw Driver	SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Jumpers	Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers  2 pole 3 pole 4 pole 10 pole				
Jumper Bar  2 pole 3 pole 4 pole 10 pole				
Short Sleeve & Screw for configurable jumper bar 				
Short Stud & Screw for configurable jumper bar 				
Switchable Jumper 				
Long Sleeve & Screw for Switchable Jumpers 				
Long Stud & Screw for Switchable Jumpers 				
Test Socket 				

STUD TYPE TERMINAL BLOCKS

These 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 the flat current bar on the Terminal Block. The range includes Terminal Blocks for wire sizes from 0.25 to 35sq.mm.

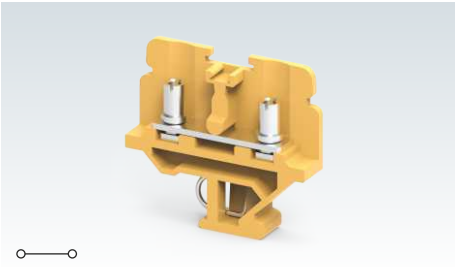
Cross connection can be achieved with the aid of external jumpers.

It is recommended to use protective covers in transparent plastic to fully shroud these assemblies.

Width (Thickness) x Length		10 x 50 mm	
Height with DIN 32 x 15 mm Rail		47.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm ²	22 - 10 AWG
	Solid with Ferrule / Lug	1.5 - 6.0 mm ²	
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 2.5 mm ²	22 - 12 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1 CSA22.2-158	
Voltage		1100 V	600 V
Current		41 A	35 A
Torque		0.5 Nm	7 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block		CSTSB3	100
End Plate 		CSTSEP2	50
Partition Plate 		CSTSPP	50
Mounting Rail (Refer Pg. 279 for details) 		CA501-1M / CA501-1M-S	25 m
End Clamp (Refer Pg. 280 for details) 		CA502 / CA702	50
Marking Tags (Refer Pg. 286 for details) 		CA509/K2B4WHT	100
Screw Driver 		SCS0.8/4 Blade size: 0.8 x 4 mm	10
Stud Size			

Jumpers		Type / Cat. No.	Imax	Standard Pack
Uninsulated Removable Jumper 	2 pole	CA512/5-2	32 A	100
	3 pole	CA512/5-3	32 A	50
	4 pole	CA512/5-4	32 A	50
Insulated Removable Jumper 	2 pole	CA514/5-2	32 A	100
	3 pole	CA514/5-3	32 A	50
	4 pole	CA514/5-4	32 A	50
Protective Cover 	2 Terminal	CSTSPC3		100
	3 Terminal	CSTSPC3-1		100
Long Protective Cover 	100 mm	CSTSPC1-2		10
	200 mm	CSTSPC1-3		10
	300 mm	CSTSPC1-4		10

CSTSB3



STUD TYPE TERMINAL BLOCKS

Width (Thickness) x Length	
Height with DIN 32 x 15 mm Rail	
Connection Possibility as per	
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug Solid with Ferrule / Lug
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug
Wire Stripping Length	
Ratings As Per	
Voltage	
Current	
Torque	
Approvals	
Insulation Material / Comparative Tracking Index	
Rated Impulse Voltage / Pollution Degree	

Terminal Block	
End Plate	
Partition Plate	
Mounting Rail (Refer Pg. 279 for details)	
End Clamp (Refer Pg. 280 for details)	
Marking Tags (Refer Pg. 286 for details)	
Screw Driver	
Stud Size	

Jumpers		
Uninsulated Removable Jumper		2 pole 3 pole 4 pole
Insulated Removable Jumper		2 pole 3 pole 4 pole
Permanent Uninsulated Jumper		2 pole 3 pole 4 pole
Permanent Insulated Jumper		2 pole 3 pole 4 pole
Protective Cover		2 Terminal 3 Terminal
Long Protective Cover		100 mm 200 mm 300 mm

CSTSB4/N4

13 x 45.0 mm

45.0 mm

IEC

UL - CSA

1.5 - 10.0 mm²

22 - 6 AWG

1.5 - 10.0 mm²

22 - 6 AWG

12 mm

IEC60947-7-1

1100 V

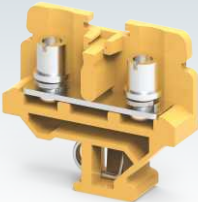
57 A

1.2 Nm

			
Melamine / 1			
8 KV / 3			
Type / Cat. No.	Standard Pack		
CSTSB4/N4	100		
EPCSTSB4/N4	50		
CA501-1M / CA501-1M-S	25 m		
CA502 / CA702	50		
CA509/K2B4WHT	100		
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10		
M4			

Type / Cat. No.	I _{max}	Standard Pack
CA512/2-2	45 A	100
CA512/2-3	45 A	50
CA512/2-4	45 A	50
CA514/2-2	45 A	100
CA514/2-3	45 A	50
CA514/2-4	45 A	50
CA512/4-2	45 A	100
CA512/4-3	45 A	50
CA512/4-4	45 A	50
CA514/4-2	45 A	100
CA514/4-3	45 A	50
CA514/4-4	45 A	50
CSTSPC1-5		10
CSTSPC1-6		10
CSTSPC1-7		10

CSTSB5




13 x 50 mm			
47.5 mm			
IEC		UL - CSA	
1.5 - 16.0 mm ²		22 - 4 AWG	
1.5 - 6.0 mm ²		22 - 8 AWG	
12 mm			
IEC60947-7-1 CSA22.2-158			
1000 V	600 V		
76 A	80 A		
2.0 Nm	25 lb-in		

			
Melamine / 1			
8 KV / 3			
Type / Cat. No.	Standard Pack		
CSTSB5	100		
CSTSEP2	50		
CSTSP	50		
CA501-1M / CA501-1M-S	25 m		
CA502 / CA702	50		
CA509/K2B4WHT	100		
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10		

Type / Cat. No.	I _{max}	Standard Pack
CA512/2-2	45 A	100
CA512/2-3	45 A	50
CA512/2-4	45 A	50
CA514/2-2	45 A	100
CA514/2-3	45 A	50
CA514/2-4	45 A	50
CA512/4-2	45 A	100
CA512/4-3	45 A	50
CA512/4-4	45 A	50
CA514/4-2	45 A	100
CA514/4-3	45 A	50
CA514/4-4	45 A	50
CSTSPC2		100
CSTSPC2-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10

CSTSN4



17 x 50 mm

47.5 mm

IEC

UL - CSA

1.5 - 10.0 mm²

22 - 6 AWG

1.5 - 6.0 mm²

22 - 8 AWG

12 mm

IEC60947-7-1 CSA22.2-158

1100 V

600 V

57 A

65 A

1.2 Nm

14 lb-in



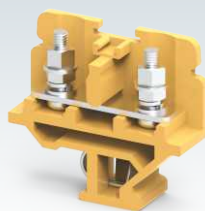
Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CSTSN4	100
CSTSEP2	50
CSTSP	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2B4WHT	100

Type / Cat. No.	I _{max}	Standard Pack
CA512/1-2	45 A	100
CA512/1-3	45 A	50
CA512/1-4	45 A	50
CA514/1-2	45 A	100
CA514/1-3	45 A	50
CA514/1-4	45 A	50
CA512/3-2	45 A	100
CA512/3-3	45 A	50
CA512/3-4	45 A	50
CA514/3-2	45 A	100
CA514/3-3	45 A	50
CA514/3-4	45 A	50
CSTSPC1		100
CSTSPC1-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10

CSTSN415



15 x 50 mm

47.5 mm

IEC

UL - CSA

1.5 - 10.0 mm²

22 - 6 AWG

1.5 - 6.0 mm²

22 - 8 AWG

12 mm

IEC60947-7-1 CSA22.2-158

1000 V

600 V

57 A

65 A

1.2 Nm

14 lb-in



Melamine / 1

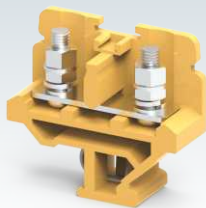
8 KV / 3

Type / Cat. No.	Standard Pack
CSTSN415	100
CSTSEP2	50
CSTSP	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2B4WHT	100

Type / Cat. No.	I _{max}	Standard Pack
CA514/9-2	45 A	100
CSTSPC1		100
CSTSPC1-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10

STUD TYPE TERMINAL BLOCKS

CSTSN5

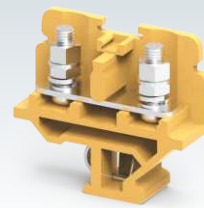


Width (Thickness) x Length		17 x 50 mm			
Height with DIN 32 x 15 mm Rail		47.5 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 16.0 mm ²		22 - 4 AWG	
	Solid with Ferrule / Lug				
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm ²		22 - 8 AWG	
Wire Stripping Length		12 mm			
Ratings As Per		IEC60947-7-1 CSA22.2-158			
Voltage		1100 V	600 V		
Current		76 A	80 A		
Torque		2.0 Nm	25 lb-in		
Approvals					

Insulation Material / Comparative Tracking Index	Melamine / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			

	Type / Cat. No.	Standard Pack
Terminal Block	CSTSN5	100
End Plate	CSTSEP2	50
Partition Plate	CSTSP	50
Mounting Rail (Refer Pg. 279 for details)	CA501-1M / CA501-1M-S	25 m
End Clamp (Refer Pg. 280 for details)	CA502 / CA702	50
Marking Tags (Refer Pg. 286 for details)	CA509/K2B4WHT	100
Stud Size	M5	
Marker Mounting Carrier		

CSTSN515



15 x 50 mm			
47.5 mm			
IEC		UL - CSA	
1.5 - 16.0 mm ²		22 - 4 AWG	
1.5 - 6.0 mm ²		22 - 8 AWG	
12 mm			
IEC60947-7-1 CSA22.2-158			
1000 V	600 V		
76 A	80 A		
2.0 Nm	25 lb-in		
			

Insulation Material / Comparative Tracking Index	Melamine / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			

	Type / Cat. No.	Standard Pack
Terminal Block	CSTSN515	100
End Plate	CSTSEP2	50
Partition Plate	CSTSP	50
Mounting Rail (Refer Pg. 279 for details)	CA501-1M / CA501-1M-S	25 m
End Clamp (Refer Pg. 280 for details)	CA502 / CA702	50
Marking Tags (Refer Pg. 286 for details)	CA509/K2B4WHT	100
Stud Size	M5	
Marker Mounting Carrier		

Jumpers			Type / Cat. No.	I _{max}	Standard Pack	Type / Cat. No.	I _{max}	Standard Pack
Uninsulated Removable Jumper		2 pole	CA512/1-2	45 A	100			
		3 pole	CA512/1-3	45 A	50			
		4 pole	CA512/1-4	45 A	50			
Insulated Removable Jumper		2 pole	CA514/1-2	45 A	100			
		3 pole	CA514/1-3	45 A	50			
		4 pole	CA514/1-4	45 A	50			
Permanent Uninsulated Jumper		2 pole	CA512/3-2	45 A	100			
		3 pole	CA512/3-3	45 A	50			
		4 pole	CA512/3-4	45 A	50			
Permanent Insulated Jumper		2 pole	CA514/3-2	45 A	100			
		3 pole	CA514/3-3	45 A	50			
		4 pole	CA514/3-4	45 A	50			
Protective Cover		2 Terminal	CSTSPC1		100	CSTSPC4		100
		3 Terminal	CSTSPC1-1		100	CSTSPC4-1		100
Long Protective Cover		90 mm						
		100 mm	CSTSPC1-2		10	CSTSPC1-2		10
		150 mm						
		200 mm	CSTSPC1-3		10	CSTSPC1-3		10
Protective Cover Holder		300 mm	CSTSPC1-4		10	CSTSPC1-4		10
			CSP1		100	CSP1		100

CSTSN6



17 x 50 mm

47.5 mm

IEC

UL - CSA

1.5 - 35.0 mm²

22 - 2 AWG

1.5 - 16.0 mm²

22 - 4 AWG

12 mm

IEC60947-7-1 CSA22.2-158

1000 V

600 V

125 A

125 A

3.0 Nm

27 lb-in



Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CSTSN6	100
CSTSEP2	50
CSTSP	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2B4WHT	100
M6	

Type / Cat. No.	I _{max}	Standard Pack
CA512/7-2	50 A	100
CA512/7-3	50 A	50
CA512/7-4	50 A	50
CA514/7-2	50 A	100
CA514/7-3	50 A	50
CA514/7-4	50 A	50

CSTSPC1		100
CSTSPC1-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10

CSTSRN5



26 x 43 mm

53.5 mm

IEC

UL - CSA

1.5 - 16.0 mm²

22 - 4 AWG

1.5 - 16.0 mm²

22 - 4 AWG

16 mm

IEC60947-7-1 CSA22.2-158

1100 V

600 V

76 A

85 A

2.0 Nm

25 lb-in



Melamine / 1

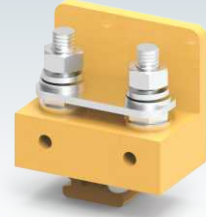
8 KV / 3

Type / Cat. No.	Standard Pack
CSTSRN5	50
CSTSREP	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2B4WHT	100
M6	
MACKRN5	

Type / Cat. No.	I _{max}	Standard Pack

CSTSPC1		100
CSTSPC1-1		100
CTSPC(90 mm)		10
CTSPC(100 mm)		10
CTSPC(150 mm)		10
CTSPC(200 mm)		10
CTSPC(300 mm)		10

CSTSRN6



26 x 43 mm

53.5 mm

IEC

UL - CSA

1.5 - 35.0 mm²

22 - 2 AWG

1.5 - 35.0 mm²

22 - 2 AWG

16 mm

IEC60947-7-1 CSA22.2-158

1100 V

600 V

125 A

145 A

3.0 Nm

27 lb-in



Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CSTSRN6	50
CSTSREP	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K6WHT	100
M6	
MACKRN6	

Type / Cat. No.	I _{max}	Standard Pack

CSTSPC1		100
CSTSPC1-1		100
CTSPC(90 mm)		10
CTSPC(100 mm)		10
CTSPC(150 mm)		10
CTSPC(200 mm)		10
CTSPC(300 mm)		10

DISCONNECT & TEST TERMINAL BLOCKS

These blocks are used for measuring, control, regulatory circuits and for current transformer connection application. They provide a clear functional advantage for devices having utility instruments and associated transformers.

In CMDT4 terminal the disconnection of circuit is achieved by means of a central sliding link assembly with a clear orange indicator.

In the CMDT4S Terminal Block the orange indicator is replaced by a socket headed screw for achieving the circuit disconnection.

Cross connection is possible with the aid of external jumpers.

Barrel nuts provide test sockets for inserting test plugs and for carrying out current and voltage injection protocols.

Width (Thickness) x Length

Height with DIN 32 x 15 mm Rail

Connection Possibility as per

With 1 Conductor per clamp Stranded / Flexible with Ferrule / Lug
Solid with Ferrule / Lug

With 2 same size Conductors per clamp Stranded / Flexible with Ferrule / Lug

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Comparative Tracking Index

Rated Impulse Voltage / Pollution Degree

Terminal Block

End Plate

Mounting Rail (Refer Pg. 279 for details)

End Clamp (Refer Pg. 280 for details)

Marking Tags (Refer Pg. 286 for details)

Screw Driver

Jumpers

Uninsulated Removable Jumper



2 pole
3 pole
4 pole

Insulated Removable Jumper



2 pole
3 pole
4 pole

Permanent Uninsulated Jumper



2 pole
3 pole
4 pole

Permanent Insulated Jumper



2 pole
3 pole
4 pole

Protective Cover



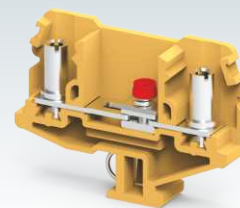
2 Terminal
3 Terminal

Long Protective Cover



100 mm
200 mm
300 mm

CMDT4



13 x 68 mm

51.7 mm

IEC

UL - CSA

1.5 - 6.0 mm²

22 - 8 AWG

1.5 - 6.0 mm²

22 - 8 AWG

12 mm

IEC60947-7-1

1100 V

41 A

1.2 Nm



Melamine / 1

8 KV / 3

Type / Cat. No.

Standard Pack

CMDT4

50

EPCMDT4

50

CA501-1M / CA501-1M-S

25 m

CA502 / CA702

50

CA509/K2B4WHT

100

SCS1.0/5.5 Blade size: 1.0 x 5.5 mm

10

Type / Cat. No.

I_{max}

Standard Pack

CA512/2-2

41 A

100

CA512/2-3

41 A

50

CA512/2-4

41 A

50

CA514/2-2

41 A

100

CA514/2-3

41 A

50

CA514/2-4

41 A

50

CA512/4-2

41 A

100

CA512/4-3

41 A

50

CA512/4-4

41 A

50

CA514/4-2

41 A

100

CA514/4-3

41 A

50

CA514/4-4

41 A

50

CDTPC1

100

CDTPC2

100

CDTPC3

10

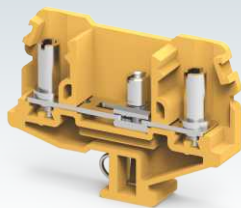
CDTPC4

10

CDTPC5

10

CMDT4S



13 x 68 mm

51.7 mm

IEC

UL - CSA

1.5 - 6.0 mm²

22 - 8 AWG

1.5 - 6.0 mm²

22 - 8 AWG

12 mm

IEC60947-7-1

1100 V

41 A

1.2 Nm



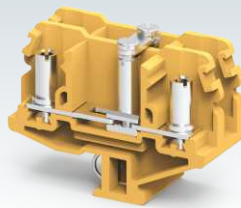
Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMDT4S	50
EPCMDT4	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2B4WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I _{max}	Standard Pack
CA512/2-2	41 A	100
CA512/2-3	41 A	50
CA512/2-4	41 A	50
CA514/2-2	41 A	100
CA514/2-3	41 A	50
CA514/2-4	41 A	50
CA512/4-2	41 A	100
CA512/4-3	41 A	50
CA512/4-4	41 A	50
CA514/4-2	41 A	100
CA514/4-3	41 A	50
CA514/4-4	41 A	50
CDTPC1		100
CDTPC2		100
CDTPC3		10
CDTPC4		10
CDTPC5		10

CMDT4SH



26 x 68 mm

51.7 mm

IEC

UL - CSA

1.5 - 6.0 mm²

22 - 8 AWG

1.5 - 6.0 mm²

22 - 8 AWG

12 mm

IEC60947-7-1

500 V

32 A

1.2 Nm

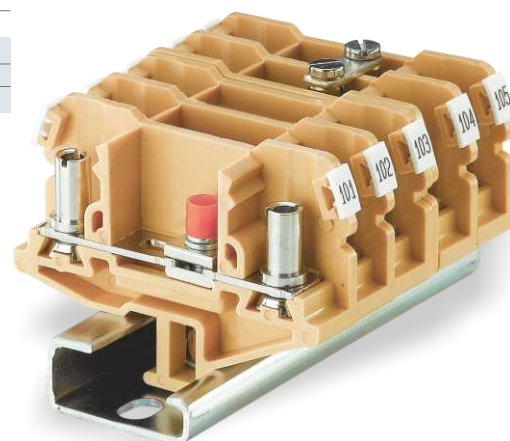


Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMDT4SH	25
EPCMDT4	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2B4WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I _{max}	Standard Pack
CA512/2-2	32 A	100
CA512/2-3	32 A	50
CA512/2-4	32 A	50
CA514/2-2	32 A	100
CA514/2-3	32 A	50
CA514/2-4	32 A	50
CA512/4-2	32 A	100
CA512/4-3	32 A	50
CA512/4-4	32 A	50
CA514/4-2	32 A	100
CA514/4-3	32 A	50
CA514/4-4	32 A	50



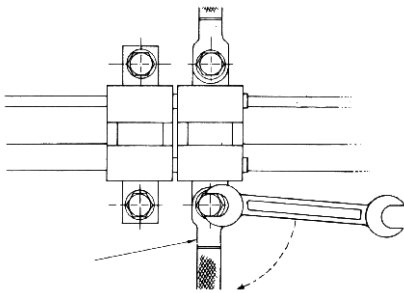
BUS BAR TYPE TERMINAL BLOCKS

These Terminal Blocks are preferred for applications using wires of a large cross section. The wire is crimped to a ring / fork type lug (ferrule) and is screwed on to the flat current bar on the Terminal Block. The range includes Terminal Blocks for wire sizes from 16 sq.mm to 120 sq.mm. Terminal Blocks with suffix LS have a threading in the current bar, eliminating the need of locking nuts.

Partition / Isolation Plate must be used with every Terminal Block. The Protective Cover is designed to be mounted on a specially designed slot in the Partition Plate.

Installation instruction:

It is recommended to provide a back support to the wire while tightening the clamping bolt to avoid deformation of the mounting rail or to prevent damage of the Terminal Block by torsional force.



Width (Thickness) x Length

Height with DIN 32 x 15 mm Rail

Connection Possibility as per

With 1 Conductor per clamp Stranded / Flexible with Ferrule / Lug

With 2 same size Conductors per clamp Stranded / Flexible with Ferrule / Lug

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Comparative Tracking Index

Rated Impulse Voltage / Pollution Degree

Terminal Block With Nut & Bolt configuration
With Threaded Current Bar

Partition / Isolation Plate (Polyamide 66) 

Partition / Isolation Plate (Melamine) 

Locating Support for Partition / Isolation Plate 

Mounting Rail (Refer Pg. 279 for details) 

End Clamp (Refer Pg. 280 for details) 

Marking Tags (Refer Pg. 286 for details) 

Bolt Size

CTS35L / CTS35LS



CTS35L



CTS35LS



28 x 75 mm

55.2 mm

IEC

UL - CSA

16.0 - 50.0 mm²

8 - 2 AWG

16.0 - 50.0 mm²

8 - 2 AWG

12 mm

IEC60947-7-1 CSA22.2-158

1000 V

600 V

150 A

145 A

3.0 Nm

27 lb-in



Melamine / 1

8 KV / 3

Type / Cat. No.

Standard Pack

CTS35L

10

CTS35LS

10

EP4P

10

CTSEP4

10

CTSEP4LO

10

CA501-1M / CA501-1M-S

25 m

CA502 / CA702 / CA102

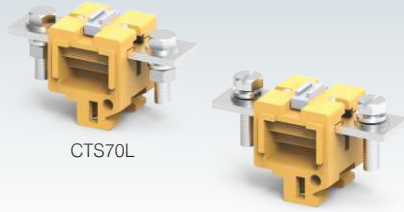
50

CA509/K2B4WHT

100

M6

CTS70L / CTS70LS



CTS70L

CTS70LS



40 x 92 mm

55.2 mm

IEC

UL - CSA

35.0 - 70.0 mm²

8 - 2/0 AWG

35.0 - 70.0 mm²

8 - 2/0 AWG

18 mm

IEC60947-7-1 CSA22.2-158

1000 V

600 V

192 A

250 A

10.0 Nm

87 lb-in



Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS70L	10
CTS70LS	10
EP4P	10
CTSEP4	10
CTSEP4LO	10
CA501-1M / CA501-1M-S	25 m
CA502 / CA702 / CA102	50
CA509/K2B4WHT	100
M8	

CTS95L / CTS95LS



CTS95L

CTS95LS



40 x 92 mm

55.2 mm

IEC

UL - CSA

35.0 - 95.0 mm²

8 - 4/0 AWG

35.0 - 95.0 mm²

8 - 4/0 AWG

20 mm

IEC60947-7-1 CSA22.2-158

1000 V

600 V

232 A

300 A

10.0 Nm

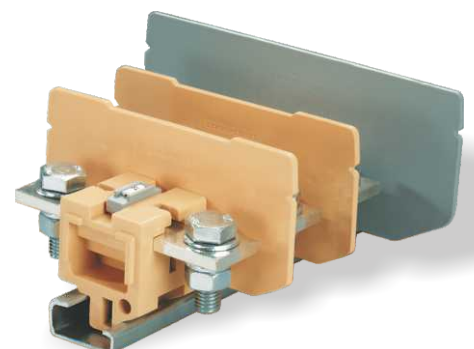
87 lb-in



Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS95L	10
CTS95LS	10
EP4P	10
CA501-1M / CA501-1M-S	25 m
CA502 / CA702 / CA102	50
CA509/K2B4WHT	100
M10	



SPRING LOADED TERMINAL BLOCKS

These modified version of feed through Terminal Blocks come with safety springs. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEBG regulations and NTPC applications. In addition to the high torque screws, these blocks have a built-in spring loading feature. It is recommended to use hook type lugs for terminating wires in such connections. These Terminal Blocks have a specially designed current bar for the right location/ placement of wires with hook type lugs, thus preventing loosening of the wires even when the screw clamps are not tightened.

The housing of these Terminal Blocks is made of High Grade Melamine which has insulation properties in accordance with the CEBG regulations.

Width (Thickness) x Length		6.7 x 40 mm	
Height with DIN 32 x 15 mm Rail		52.0 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²	22 - 10 AWG
	Solid	0.2 - 6.0 mm ²	
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm ²	22 - 10 AWG
	Stranded / Flexible	0.2 - 2.5 mm ²	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²	22 - 12 AWG
Wire Stripping Length		12 mm	
Ratings As Per		IEC60947-7-1 CSA22.2-158	
Voltage		600 V	300 V
Current		32 A	35 A
Torque		0.5 Nm	7 lb-in
Approvals		IEC CE CSP US	
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
Terminal Block		Type / Cat. No.	Standard Pack
End Plate		CTS4SC	200
Partition Plate		CTSEP1	50
Mounting Rail (Refer Pg. 279 for details)		CTSP1L	50
End Clamp (Refer Pg. 280 for details)		CA501-1M / CA501-1M-S	25 m
Marking Tags (Refer Pg. 286 for details)		CA502 / CA702	50
Screw Driver		CA509/K2WHT	100
Jumpers		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10
Hook Type Lugs	1.5 sq.mm	Type / Cat. No.	Imax
	2.5 sq.mm	CA604/1	100
	6 sq.mm	CA604/2	100
	10 sq.mm		
Screw Type Jumpers	2 pole	CA522/2	32 A
	3 pole	CA522/3	32 A
	4 pole	CA522/4	32 A
	10 pole	CA522/10	32 A
Insulated Screw Type Jumpers	2 pole		
	3 pole		
	4 pole		
	10 pole		
Jumper Bar	2 pole		
	3 pole		
	4 pole		
	10 pole		
Short Sleeve & Screw for configurable jumper bar			
Switchable Jumpers			
Long Sleeve & Screw for Switchable Jumpers			

CTS4SC



CTS6SC



8 x 40 mm

52.0 mm

IEC	UL - CSA
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 4.0 mm ²	22 - 10 AWG
1.5 - 4.0 mm ²	22 - 10 AWG

12 mm

IEC60947-7-1 CSA22.2-158

600 V	300 V		
41 A	50 A		
0.8 Nm	14 lb-in		



Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS6SC	200
CTSEP1	50
CTSP1L	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	Standard Pack
CA604/1		100
CA604/2		100
CA604/3		100

CA723/2	41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/10	41 A	10
CA743/2	41 A	100
CA743/3	41 A	50
CA743/4	41 A	50
CA743/10	41 A	10
CA703/2	41 A	100
CA704/2	41 A	100
CA705/2	41 A	100
CA733/10	41 A	100

CA707/S/Q/1 100

CA706/2	41 A	100
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CA707/L/Q/1 100

CTS10SC



11 x 50 mm

59.5 mm

IEC	UL - CSA
1.5 - 10.0 mm ²	22 - 8 AWG
1.5 - 10.0 mm ²	22 - 8 AWG
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 6.0 mm ²	22 - 10 AWG

12 mm

IEC60947-7-1 CSA22.2-158

800 V	300 V		
57 A	50 A		
1.2 Nm	14 lb-in		



Melamine / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS10SC	100
CTSEP1SC	50
CTSP1SC	50
CA501-1M / CA501-1M-S	25 m
CA502 / CA702	50
CA509/K2WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	Standard Pack
CA604/1		100
CA604/2		100
CA604/3		100

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MULTIPOLE STRIP TERMINAL BLOCKS

The CMST series Terminal Blocks can be directly mounted on panel surfaces with the help of fixing screws. They are available from a 2 upto 12 pole configuration.

CMST2 series Terminal Blocks are an ideal choice for transformers. It has a special current bar design, enabling direct soldering of transformer wires.

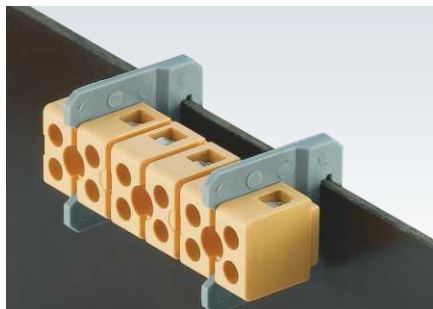
The CMST terminal strip can also be fixed on the edge of transformer plates / panels with the help of FPCMST fixing plates.

Cross connection can be achieved with the aid of insulated jumpers.

FPCMST Partition plate for terminal strip



Mounting of terminal strip
with panel fixing plate FPCMST



Connection Possibility as per

With 1 Conductor per clamp	Stranded / Flexible
	Solid
	with Ferrule / Lug

With 2 same size Conductors per clamp	Stranded / Flexible
	with TWIN Ferrule / Lug

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

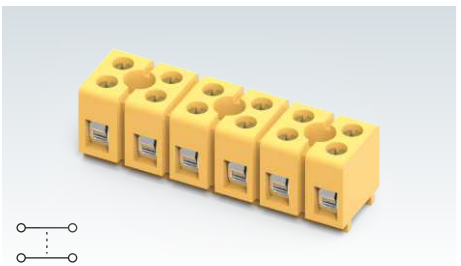
Approvals

Insulation Material / Comparative Tracking Index

Rated Impulse Voltage / Pollution Degree

Terminal Block	
12 pole	
2 pole	
3 pole	
4 pole	
5 pole	
6 pole	
7 pole	
8 pole	
9 pole	
10 pole	
Markers Fixing Screw with fibre washer size M3 x 18	
Panel Fixing / Partition Plate	

CMST1



IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 14 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 18 AWG
0.2 - 1.5 mm ²	22 - 18 AWG

9 mm

IEC60947-7-1 CSA22.2-158

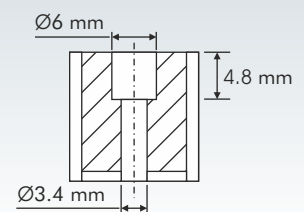
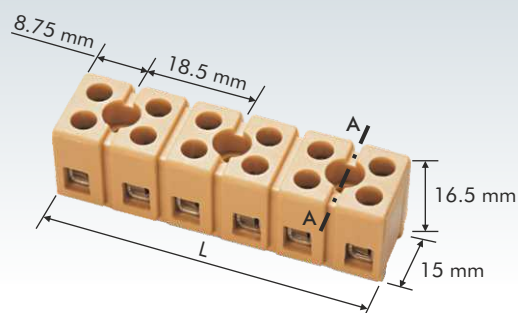
400 V	300 V		
24 A	20 A		
0.4 Nm	4.5 lb-in		



Melamine / 1

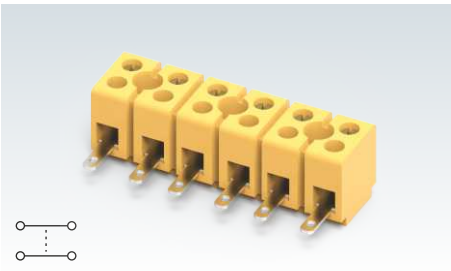
6 KV / 3

Type / Cat. No.	Length (L) mm	Standard Pack
CMST1	110	20
CMST12W	20	120
CMST13W	29	80
CMST14W	38	60
CMST15W	47	45
CMST16W	56	40
CMST17W	65	30
CMST18W	74	30
CMST19W	83	25
CMST110W	92	20
CA502/F		20
FPCMST		50



Section AA

CMST2



Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm ²		22 - 14 AWG	
	Solid	0.2 - 4.0 mm ²		22 - 10 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm ²		22 - 14 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm ²		22 - 18 AWG	
	with TWIN Ferrule / Lug	0.2 - 1.5 mm ²		22 - 18 AWG	
Wire Stripping Length		9 mm			
Ratings As Per		IEC60947-7-1 CSA22.2-158			
Voltage		400 V	300 V		
Current		24 A	20 A		
Torque		0.4 Nm	4.5 lb-in		
Approvals					
Insulation Material / Comparative Tracking Index		Melamine / 1			
Rated Impulse Voltage / Pollution Degree		6 KV / 3			
		Type / Cat. No.	Length (L) mm	Standard Pack	
Terminal Block	12 pole	CMST2	110	20	
	2 pole	CMST22W	20	120	
Markers Fixing Screw with fibre washer size M3 x 18		CA502/F		20	
Panel Fixing / Partition Plate		FPCMST		50	

CERAMIC TERMINAL BLOCKS

These Terminal Blocks are used in extremely high temperature applications such as hot melt glue guns, furnaces, heaters, process equipment and machinery. These Ceramic Terminal Blocks have an operating temperature range of -40° to 650°C.

Height x Width (Thickness)

25 x 19 mm

Connection Possibility as per

With 1 Conductor per clamp	Stranded / Flexible
	Solid
With 2 same size Conductors per clamp	with Ferrule / Lug
	Stranded / Flexible with TWIN Ferrule / Lug

IEC	UL - CSA
0.5 - 2.5 mm ²	24 - 12 AWG
0.5 - 4.0 mm ²	24 - 10 AWG
0.5 - 2.5 mm ²	24 - 12 AWG
0.5 - 1.5 mm ²	24 - 12 AWG
0.5 - 1.5 mm ²	24 - 12 AWG

Wire Stripping Length

8 mm

Ratings As Per

IEC60947-7-1 UL-1059 CSA22.2-158

Voltage

800 V 300 V 300 V

Current

24 A 20 A 30 A

Torque

0.4 Nm 6 lb-in 7 lb-in

Approvals



Insulation Material / Comparative Tracking Index

Ceramic / 1

Rated Impulse Voltage / Pollution Degree

4 KV / 3

No. of Poles	Type	Type / Cat. No.	Standard Pack
1	Free Floating	CB4/1	50
2	Free Floating	CB4/2	100
2	With Mounting Hole	CB4/2H	50
3	Free Floating	CB4/3	50
3	With Mounting Hole	CB4/3H	50
Screw Driver		SCS0.5/3 Blade size: 0.5 x 3 mm	10



Design A

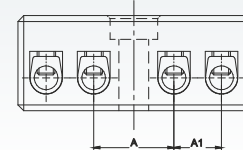
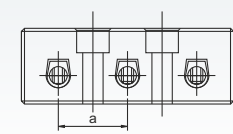
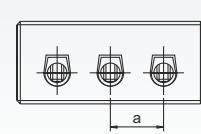
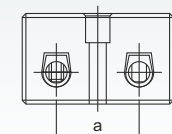
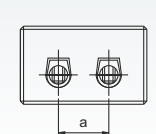
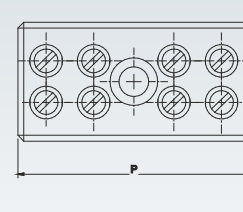
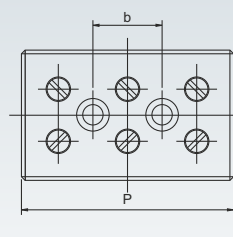
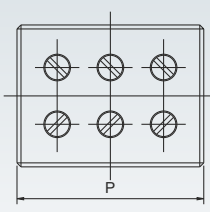
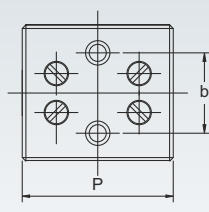
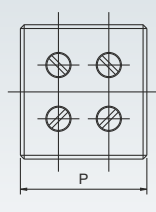
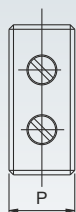
Design B

Design C

Design D

Design E

Design F



CB6



25 x 19 mm

CB16



29 x 24 mm

IEC	UL - CSA
0.5 - 4.0 mm ²	22 - 10 AWG
0.5 - 6.0 mm ²	
0.5 - 4.0 mm ²	22 - 10 AWG
0.5 - 2.5 mm ²	22 - 12 AWG
0.5 - 2.5 mm ²	22 - 12 AWG

8 mm

IEC60947-7-1 UL-1059 CSA22.2-158

800 V	300 V	300 V	
32 A	30 A	40 A	
0.5 Nm	6 lb-in	7 lb-in	



Ceramic / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CB6/1	50
CB6/2H	50
CB6/3H	50
CB6/4H	50
SCS0.8/4 Blade size: 0.8 x 4 mm	10

IEC	UL - CSA
1.5 - 10.0 mm ²	18 - 6 AWG
1.5 - 10.0 mm ²	18 - 6 AWG
1.5 - 6.0 mm ²	18 - 8 AWG
1.5 - 6.0 mm ²	18 - 8 AWG

8 mm

IEC60947-7-1 UL-1059 CSA22.2-158

800 V	300 V	300 V	
57 A	65 A	76 A	
1.2 Nm	12 lb-in	14 lb-in	



Ceramic / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CB16/2H	50
CB16/3H	50
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type Cat. No.	Design Type	No. of Poles	Stripping Length	P	a	b	Fixing Screw
CB4/1	A	1	6	11	-	-	-
CB4/2	B	2	6	18	7.2	-	-
CB4/2H	C	2	6	23	13.6	14.5	M3 x 16
CB4/3	D	3	6	25	7.2	-	-
CB4/3H	E	3	6	36	13	13	M3 x 16
CB6/1	A	1	6	12	-	-	-
CB6/2H	C	2	6	26	15	12.6	M3 x 16
CB6/3H	E	3	6	41	15	15	M3 x 16
CB6/4H	F	4	8	40	13.5	-	M8 x 16
CB16/2H	C	2	8	31	17	16.5	M3 x 20
CB16/3H	E	3	8	48	17	17	M3 x 20