

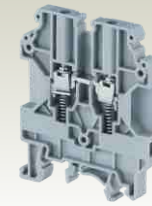
# SPRING LOADED TERMINAL BLOCKS

These modified version of feed through Terminal Blocks come with springs below the clamps. 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 lug / ferrule for terminating wires in such connections.

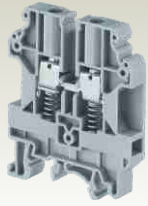
These Terminal Blocks have a specially designed current bar for the right location & placement of wires crimped in hook type lug / ferrule, thus preventing loosening of the wires even when the screw clamps are not tightened.

## CTS4USC



Width (Thickness) x Length	6 x 52 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	63.4 mm / 70.8 mm / 68.2 mm			
Connection Possibility as per	IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
Wire Stripping Length	12 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	
Voltage	1000 V	600 V	600 V	
Current	32 A	35 A	35 A	
Torque	0.5 Nm	7 lb-in	7 lb-in	
Approvals				
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			
	<b>Type / Cat. No.</b>	<b>Standard Pack</b>		
Terminal Block	CTS4USC	50		
End Plate	EPUSC	50		
Separator Plate	SP2.5/4UN	50		
Mounting Rail (Refer Pg. 154 for details)	CA701	50 m		
	CA701-15	50 m		
	CA501	50 m		
End Clamp (Refer Pg. 155 for details)	CA702	50		
	CA802	50		
Hook Type Lug / Ferrule	CA604/1	100		
	CA604/2	100		
	CA604/5	100		
	CA623/2	I <sub>max</sub> : 32 A	100	
	CA623/3	32 A	100	
Pre Assembled Shorting Links	CA623/4	32 A	100	
	CA623/10	32 A	10	
	CA643/2	I <sub>max</sub> : 32 A	100	
	CA643/3	32 A	100	
Insulated Pre Assembled Shorting Link	CA643/4	32 A	100	
	CA643/10	32 A	10	
	CA703/1	I <sub>max</sub> : 32 A	100	
	CA704/1	32 A	100	
Permanent Shorting Links	CA705/1	32 A	100	
	CA732/10	32 A	100	
	CA732/10-A	32 A	100	
	CA732/100	32 A	10	
	Short Sleeve & Screw for Permanent Shorting Links	CA608/S/Q	100	
	Marking Tags (Refer Pg. 157 for details)	CA509/K6	100	
Screw Driver	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10	

**CTS6USC**



8 x 52 mm  
63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

14 mm

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

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

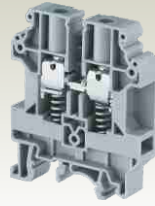


Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS6USC	50
EPUSC	50
SP2.5/4UN	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA604/1	100
CA604/2	100
CA604/5	100
CA604/4	100
CA624/2	Imax.: 41 A 100
CA624/3	41 A 100
CA624/4	41 A 100
CA624/10	41 A 10
CA644/2	Imax.: 41 A 100
CA644/3	41 A 100
CA644/4	41 A 100
CA644/10	41 A 10
CA703/2	Imax.: 41 A 100
CA704/2	41 A 100
CA705/2	41 A 100
CA733/10	41 A 100

**CTS10USC**



8 x 52 mm  
63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG
0.2 - 6.0 mm <sup>2</sup>	20 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	20 - 8 AWG

14 mm

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

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



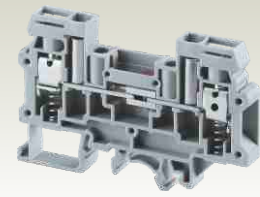
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS10USC	50
EPUSC	50
SP2.5/4UN	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA604/1	100
CA604/2	100
CA604/5	100
CA604/4	100
CA604/3	100
CA625/2	Imax.: 57 A 100
CA625/3	57 A 100
CA625/4	57 A 100
CA625/10	57 A 10
CA645/2	Imax.: 57 A 100
CA645/3	57 A 100
CA645/4	57 A 100
CA645/10	57 A 10
CA703/3	Imax.: 57 A 100
CA704/3	57 A 100
CA705/3	57 A 100
CA734/10	57 A 100

CA609/S/Q	100
CA509/K8	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

**CDS6U/SC**



8 x 82 mm  
51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

10 mm

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

800 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in



Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDS6U/SC	50
EPCDS6U	25
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA604/1	100
CA604/2	100
CA604/5	100
CA604/4	100
CA723/2	Imax.: 41 A 100
CA723/3	41 A 50
CA723/4	41 A 50
CA723/10	41 A 50

CA509/K8	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

**Note:**  
For other accessories for CDS6U please refer page 46.