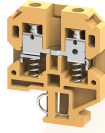# CTS6SC

connectwell
THE RIGHT CONNECTION

6 sq.mm Spring Loaded Feed through 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 CEGB 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 CEGB regulations.

TECHNICAL DATA

Rated Voltage	630 V
Rated Current	41 A
Tightening Torque	0.8 Nm
Housing Material	Melamine
Product Function	Feed Through
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 32 Rail
Screw Size	M3.5
Operated by	Screwdriver
Rated Surge Voltage	8 KV
Pollution Degree	3

CONNECTION DATA

Conductor Cross Section Stranded min.	1.5 mm²
Conductor Cross Section Stranded max.	6 mm²
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	8 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	1.5 mm²
Conductor Cross Section Stranded with Ferrule/Lug max	6 mm²
2 Conductors with same Cross Section Stranded min	1.5 mm²
2 Conductor with same Cross Section Stranded max	4 mm²
Conductor Cross Section Solid min	1.5 mm²
Conductor Cross Section Solid max	6 mm²
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	1.5 mm²
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	4 mm²
Stripping Length	12 mm
Internal Cylindrical Guage	A5

DIMENSIONS

Height with DIN 32 rail	52 mm
Length	40 mm
Width (Thickness)	8 mm

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CTS6SC	6 sq.mm Spring Loaded Terminal Block in Khaki/Beige colour	200
CTS6SCR	6 sq.mm Spring Loaded Terminal Block in Red colour	200
CTS6SCY	6 sq.mm Spring Loaded Terminal Block in Yellow colour	200
CTS6SCBU	6 sq.mm Spring Loaded Terminal Block in Blue colour	200
CTS6SCBK	6 sq.mm Spring Loaded Terminal Block in Black colour	200

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
	CA502	End Clamp in Steel suitable for Din 32 Rail	50
	CA702	End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails	50
	CTSEP1	End Plate in Khaki / Beige colour	50
	CTSPP1L	Partition Plate in Khaki / Beige colour	50
	CTSPP1B	Partition Plate in Khaki / Beige colour	50

CTS6SC
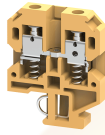
ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA723/2	Pre Assembled Shorting Link assemblies with 2 poles	100
	CA723/3	Pre Assembled Shorting Links assemblies with 3 poles	50
	CA723/4	Pre assembled Shorting Link assemblies with 4 poles	50
	CA723/5	Pre assembled Shorting Link assemblies with 5 poles	50
	CA723/6	Pre assembled Shorting Link assemblies with 6 poles	10
	CA723/7	Pre assembled Shorting Link assemblies with 7 poles	10
	CA723/10	Pre Assembled Shorting Links assemblies with 10 poles	10

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA743/2	Insulated Pre assembled Shorting Link for 2 way shorting	100
	CA743/3	Insulated Pre assembled Shorting Link for 3 way shorting	50
	CA743/4	Insulated Pre assembled Shorting Link for 4 way shorting	50
	CA743/5	Insulated Pre assembled Shorting Link for 5 way shorting	50
	CA743/6	Insulated Pre assembled Shorting Link for 6 way shorting	10
	CA743/7	Insulated Pre assembled Shorting Link for 7 way shorting	10
	CA743/10	Insulated Pre assembled Shorting Link for 10 way shorting	10

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA703/2	Permanent Shorting Link for 2 way shorting	100
	CA704/2	Permanent Shorting Link for 3 way shorting	100
	CA704/2	Permanent Shorting Link for 3 way shorting	100
	CA734/10	Permanent Shorting Link for 10 way shorting	100

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA707/S/Q/1	Shorting Sleeve and Screw	100

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA706/2	Removable Shorting link suitable for CTS6U	100

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA707/L/Q/1	Long Sleeves & Screws	100

| IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA604/1	Hook Type Lug / Ferrule suitable for 1.5 sq.mm wire size	100
	CA604/2	Hook Type Lug / Ferrule suitable for 2.5 sq.mm wire size	100
	CA604/5	Hook Type Lug / Ferrule suitable for 4 sq.mm wire size	100
	CA604/3	Hook Type Lug / Ferrule suitable for 6 sq.mm wire size	100
	CA604/4	Hook Type Lug / Ferrule suitable for 10 sq.mm wire size	100

ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA509/K2	Marking Tag Blank suitable for CDL4U / CDL4U(I.S) / CTL2.5U / CTL2.5UH / CTL2.5UL / CTL2.5HUL / CTL2.5U(I.S) / CTL2.5U(I.S)D2 / CGMT4 / CSFL4U / CSFL4U(L) / CMT4 / CMB4 / ASF4 / ASF4(L) / CTS2.5(	100

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

APPROVALS

CE CSA c us STQC IEC IECEE

CTS6SC
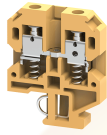
RATINGS AS PER STANDARDS			
STANDARDS	CSA C.22.2 No:158	IEC/EN60947-7-1	IEC 60947-7-1
Approvals	CSA	CE	S MARK
Conductor Cross Section Stranded min.	22 AWG	1.5 mm²	1.5 mm²
Conductor Cross Section Stranded max.	8 AWG	6 mm²	6 mm²
Rated Voltage	300 V	630 V	600 V
Rated Current	50 A	41 A	41 A
Tightening Torque	14 lb-in	0.8 Nm	0.8 Nm