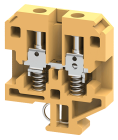
CTS10SC



connectwell
THE RIGHT CONNECTION

10 sq.mm 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 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	800 V
Rated Current	57 A
Tightening Torque	1.2 Nm
Housing Material	Melamine
Product Function	Feed Through
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 32 Rail
Operated by	Screw Driver
Rated Surge Voltage	8 KV
Pollution Degree	3

CONNECTION DATA	
Conductor Cross Section Stranded min.	1.5 mm²
Conductor Cross Section Stranded max.	10 mm²
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	6 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	1.5 mm²
Conductor Cross Section Stranded with Ferrule/Lug max	10 mm²
2 Conductors with same Cross Section Stranded min	1.5 mm²
2 Conductor with same Cross Section Stranded 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	6 mm²
Stripping Length	12 mm
Internal Cylindrical Guage	A6

DIMENSIONS	
Height with DIN 32 rail	59.5 mm
Length	50 mm
Width (Thickness)	11 mm

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CTS10SC	10 sq.mm Spring Loaded Terminal Block in Khaki/Beige colour	200

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CTS10SCR	10 sq.mm spring loaded Terminal block in Red color	200
CTS10SCY	10 sq.mm spring loaded Terminal block in Yellow color	200
CTS10SCBU	10 sq.mm spring loaded Terminal block in Blue color	200
CTS10SCBK	10 sq.mm spring loaded Terminal block in Black color	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
	CTSEP1SC	End Plate in Khaki / Beige colour	50
	CTSPP1SC	Partition Plate in Khaki / Beige colour	50
	CA526/2	Pre assembled Shorting Link for 2 way shorting	100
	CA526/3	Pre assembled Shorting Link for 3 way shorting	50
	CA526/4	Pre assembled Shorting Link for 4 way shorting	50
	CA526/10	Pre assembled Shorting Link for 10 way shorting	10

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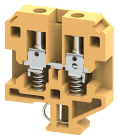

connectwell
THE RIGHT CONNECTION

ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA626/2	Insulated Pre assembled Shorting Link for 2 way shorting	100
	CA626/3	Insulated Pre assembled Shorting Link for 3 way shorting	50
	CA626/4	Insulated Pre assembled Shorting Link for 4 way shorting	50
	CA626/10	Insulated Pre assembled Shorting Link for 10 way shorting	10
	CA503/6	Permanent Shorting Links for 2 way shorting.	100
	CA504/6	Permanent Shorting Links for 3 way shorting.	100
	CA505/6	Permanent Shorting Links for 4 way shorting.	100
	CA510/6	Permanent Shorting Links for 10 way shorting.	100
	CA707/S/Q/3	Shorting Sleeve and Screw suitable for CSFL4U / CSFL4U(L) / CF4U / CF4U(L) / DDFL4U / DDFL4U(E) Terminal Blocks	100
	CA506/6	Removable Shorting link	100
C:\inetpub\wwwroot\Connectwell.Website\	CA707/L/Q/3	Long Shorting Sleeves and Screw suitable for CTS10SC Terminal Block	100
	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
	CA604/2N	Hook Type insulated Lug / Ferrule suitable for 2.5 sq.mm wire size	100
	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
	SCS0.8/4	Electricians Screwdriver for slotted screws	10
	MC2	MARKER CARD 6MM PITCH WITH 72 TAGS	10

APPROVALS

NOTES

The Rated current is with the use of copper (Cu) conductor/Wire

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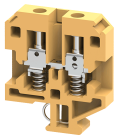

RATINGS AS PER STANDARDS			
STANDARDS	**CSA C.22.2 No:158**	**IEC/EN60947-7-1**	**IEC 60947-7-1**
Approvals	CSA	CE	S MARK
Conductor Cross Section Stranded min.	22 AWG	1.5 mm²	1.5 mm²
Conductor Cross Section Stranded max.	8 AWG	10 mm²	10 mm²
Rated Voltage	300 V	800 V	600 V
Rated Current	50 A	57 A	57 A
Tightening Torque	14 lb-in	1.2 Nm	1.2 Nm

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