

CTS10USC



10 sq.mm Spring Loaded Terminal Blocks

These Terminal Block are preferred for connections that involves safety requirements of the electric supply industry (ESI) standards, in addition to the high torque screws, these blocks have a built-in spring loading features

TECHNICAL DATA

Rated Voltage	1000 V
Rated Current	57 A
Tightening Torque	1.2 Nm
Housing Material	Polyamide
Comparative Tracking Index	1
Standard Colour	Grey
Type of Connection	Screw Clamp
Product Function	Feed Through
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 32/DIN 35/DIN 35-15 Rail
Screw Size	M4
Operated by	Screwdriver
Rated Surge Voltage	8 KV
Pollution Degree	3

CONNECTION DATA

Conductor Cross Section Stranded min.	0.2 mm ²
Conductor Cross Section Stranded max.	10 mm ²
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	6 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	0.2 mm ²
Conductor Cross Section Stranded with Ferrule/Lug max	10 mm ²
2 Conductors with same Cross Section Stranded min	0.2 mm ²
2 Conductor with same Cross Section Stranded max	6 mm ²
Conductor Cross Section Solid min	0.2 mm ²
Conductor Cross Section Solid max	16 mm ²
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	0.2 mm ²
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	6 mm ²
Stripping Length	18 mm
Internal Cylindrical Gauge	A6

DIMENSIONS

Height with DIN 32 rail	68.2 mm
Height with DIN 35 x 15 mm rail	70.8 mm
Height with DIN 35 x 7.5 mm rail	63.4 mm
Length	52 mm
Width (Thickness)	10 mm

APPROVALS



ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CTS10USC	10 sqmm Spring loaded Terminal Block in Grey colour	50
CTS10USCBU	10 sqmm Spring loaded Terminal Block in Blue colour	50

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
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50

ACCESSORIES....

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50
	CA702	End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails	50
	CA802	End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails	50
	EPUSC	End Plate in Grey colour	50
	SP2.5/4UN	Separator Plate in Grey colour	100
	CA625/2	Pre assembled Shorting Link for 2 way shorting.	100
	CA625/3	Pre assembled Shorting Link for 3 way shorting.	100
	CA625/4	Pre assembled Shorting Link for 4 way shorting.	100
	CA625/10	Pre assembled Shorting Link for 10 way shorting.	100
	CA604/1	Hook Type Lug / Ferrule	100
	CA604/2	Hook Type Lug / Ferrule	100
	CA604/3	Hook Type Lug / Ferrule	100
	CA604/4	Hook Type Lug / Ferrule	100
	CA604/5	Hook Type Lug / Ferrule	100
	CA509/K10	Marking Tag Blank suitable for CTS10U / CGT10U / CGT10N / CHV10U / CTS10USC / STH4 / STH4DT / STH4DTSH / CSC10T Terminal Blocks	100
	SCS0.8/4	Electricians Screwdriver for slotted screws	10

RATINGS AS PER STANDARDS

STANDARDS	UL 1059	IEC/EN60947-7-1	CSA C.22.2 No:158
Approvals	UL	CE	CSA
Conductor Cross Section Stranded min.	22 AWG	0.2 mm ²	22 AWG
Conductor Cross Section Stranded max.	6 AWG	10 mm ²	6 AWG
Rated Voltage	1000 V	1000 V	1000 V
Rated Current	65 A	57 A	65 A
Tightening Torque	14 lb-in	1.2 Nm	14 lb-in