

CTT2.5U



2.5 sq.mm Thermocouple Terminal Blocks.

These Terminal Blocks are used with thermocouple wires in measurement applications. As per DIN 43713 & DIN 43714 the current carrying element of the Terminal Block is made of the same material as the Thermocouple wire. These special current carrying elements ensure that there is no loss of potential at the connecting points.

TECHNICAL DATA

Rated Voltage	1000 V
Rated Current	10 A
Tightening Torque	0.4 Nm
Housing Material	Polyamide
Comparative Tracking Index	1
Standard Colour	Grey
Type of Connection	Screw Clamp
Product Function	Thermocouple
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 32/DIN 35/DIN 35-15 Rail
Screw Size	M2.5
Operated by	Screwdriver
Rated Surge Voltage	4 KV
Pollution Degree	3

CONNECTION DATA

Conductor Cross Section Stranded min.	0.2 mm ²
Conductor Cross Section Stranded max.	2.5 mm ²
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	12 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	0.2 mm ²
Conductor Cross Section Stranded with Ferrule/Lug max	2.5 mm ²
2 Conductors with same Cross Section Stranded min	0.2 mm ²
2 Conductor with same Cross Section Stranded max	1.5 mm ²
Conductor Cross Section Solid min	0.2 mm ²
Conductor Cross Section Solid max	4 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	1.5 mm ²
Stripping Length	9 mm
Internal Cylindrical Gauge	A3

DIMENSIONS

Height with DIN 32 rail	51.1 mm
Height with DIN 35 x 15 mm rail	53.7 mm
Height with DIN 35 x 7.5 mm rail	46.2 mm
Length	43 mm
Width (Thickness)	10 mm

APPROVALS



ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CTT2.5UK	2.5 sqmm K-Type Thermocouple Terminal Block in Grey colour.	50
CTT2.5UJ	2.5 sqmm J-Type Thermocouple Terminal Block in Grey colour.	50
CTT2.5UT	2.5 sqmm T-Type Thermocouple Terminal Block in Grey colour.	50
CTT2.5UE	2.5 sqmm E-Type Thermocouple Terminal Block in Grey 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

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
	EP2.5/4UN	End Plate in Grey Colour	50
	PP2.5/4UN	Partition Plate in Grey colour	50
	CA509/K5	Blank Marking Tag	100
	SCS0.5/3	Electricians Screwdriver for slotted screws	10

RATINGS AS PER STANDARDS

STANDARDS

DIN EN60947-7-1

Approvals	CE
Conductor Cross Section Stranded min.	0.2 mm ²
Conductor Cross Section Stranded max.	2.5 mm ²
Rated Voltage	1000 V
Rated Current	10 A
Tightening Torque	0.4 Nm