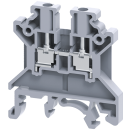# CTS2.5UNV0

connectwell
THE RIGHT CONNECTION

2.5 sq.mm, 5 mm thick Feed Through Terminal Block

2.5 sq.mm Feed Through Terminal Blocks are the most Versatile terminals for control, automation, instrumentation and power distribution applications. A specially designed flexible foot enables easy mounting and dismounting from the Din Rail with the help of a screw driver.

These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

TECHNICAL DATA

Rated Voltage	1000 V
Rated Current	24 A
Tightening Torque	0.4 Nm
Housing Material	Polymide
Standard Colour	Grey
Product Function	Feed Through
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	8 KV
Pollution Degree	3

CONNECTION DATA

Conductor Cross Section Stranded min.	0.2 mm²
Conductor Cross Section Stranded max.	2.5 mm²
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 mm²
Conductor Cross Section Stranded with Ferrule/Lug max	2.5 mm²
2 Conductors with same Cross Section Stranded min	0.2 mm²
2 Conductor with same Cross Section Stranded max	1.5 mm²
Conductor Cross Section Solid min	0.2 mm²
Conductor Cross Section Solid max	4 mm²
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	0.2 mm²
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	1.5 mm²
Stripping Length	8 mm
Internal Cylindrical Guage	A3

DIMENSIONS

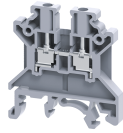|	
Height with DIN 32 rail	51.1 mm
Height with DIN 35 x 15 mm rail	53.7 mm
Height with DIN 35 x 7.5 mm rail	46.2 mm
Length	43 mm
Width (Thickness)	5 mm

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CTS2.5UNV0	2.5 sq.mm Feed Through Terminal Block in Grey colour	100

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
	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
	EP2.5/4UNY	End Plate in Yellow Colour	50
	EP2.5/4UNBU	End Plate in Blue Colour	50
	EP2.5/4UNR	End Plate in Red Colour	50
	PP2.5/4UN	Partition Plate in Grey colour	50
	SP2.5/4UN	Separator Plate in Grey colour	100

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ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA721/2	Preassembled Internal Short Link assemblies with 2 poles	100
	CA721/3	Preassembled Internal Short Link assemblies with 3 poles	100
	CA721/4	Preassembled Internal Short Link assemblies with 4 poles	100
	CA721/10	Preassembled Internal Short Link assemblies with 10 poles	10
	CA721/100	Preassembled Internal Short Link assemblies with 100 poles	10

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA741/2	Insulated Pre assembled Shorting Link for 2 way shorting	100
	CA741/3	Insulated Pre assembled Shorting Link for 3 way shorting	100
	CA741/4	Insulated Pre assembled Shorting Link for 4 way shorting	100
	CA741/10	Insulated Pre assembled Shorting Link for 10 way shorting	10
	CA741/100	Insulated Pre assembled Shorting Link for 100 way shorting	10

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA717/2	External Comb Type Shorting Link available in 2 Pole	100
	CA717/3	External Comb Type Shorting Link available in 3 Pole	100
	CA717/4	External Comb Type Shorting Link available in 4 Pole	100
	CA717/10	External Comb Type Shorting Link available in 10 Pole	20

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA703/01	Permanent Shorting Links for 2 way shorting	100
	CA704/01	Permanent Shorting Links for 3 way shorting	100
	CA705/01	Permanent Shorting Links for 4 way shorting	100
	CA731/10	Permanent Shorting Links for 10 way shorting	100
	CA731/100	Permanent Breakable Shorting Links for 100 way	10

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA707/S/Q/01	Shorting Sleeve and Screw	100
	CA707/L/Q/01	Long Shorting Sleeves and Screw	100
	CA509/K5	Blank Marking Tag	100
	CA707/TS/01	Test Socket Suitable for CTS2.5UN / CTS2.5UE / CTS4UN / CTC4U / CMB4 / CTLG2.5 / CTL2.5U / CTL2.5UH / ODL4U / ODL4UA / CDLG2.5 / CMC1-2 / CMC2-2 Terminal Blocks.	100
	SCS0.5/3	Electricians Screwdriver for slotted screws	10

ACCESSORIES

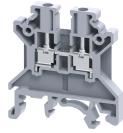| IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	MC5	MARKER CARD 5MM PITCH WITH 84 TAGS	10

APPROVALS

CE   ⒮P c US   c Ⓡ US   VDE   Ⓔx   AEx   Ⓡ
INMETRO

NOTES

1) Polyamide6,6 flammability V0 grade as per UL 94

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

CTS2.5UNV0

RATINGS AS PER STANDARDS			
STANDARDS	**UL 1059**	**CSA C.22.2 No:158**	**DIN EN60947-7-1**
Approvals	UL	CSA	VDE
Conductor Cross Section Stranded min.	22 AWG	22 AWG	0.25 mm²
Conductor Cross Section Stranded max.	12 AWG	14.0 AWG	2.5 mm²
Rated Voltage	600 V	600 V	1000 V
Rated Current	25 A	25 A	24 A
Tightening Torque	7 lb-in	7 lb-in	0.4 Nm
STANDARDS	**IEC/EN60947-7-1**	**EN60079-7**	**IEC 60079-0 & IEC 60079-7**
Approvals	CE	ATEX	AEx
Conductor Cross Section Stranded min.	0.25 mm²	0.25 mm²	0.25 mm²
Conductor Cross Section Stranded max.	2.5 mm²	2.5 mm²	2.5 mm²
Rated Voltage	1000 V	630 V	630 V
Rated Current	24 A	21 A	21 A
Tightening Torque	0.4 Nm	0.4 Nm	0.4 Nm
Operating Temperature Range		-40 to +85 °C	
STANDARDS	**EN60079-7**		
Approvals	ATEX-IECex		
Conductor Cross Section Stranded min.	0.5 mm²		
Conductor Cross Section Stranded max.	2.5 mm²		
Rated Voltage	690 V		
Rated Current	21 A		
Tightening Torque	0.4 Nm		