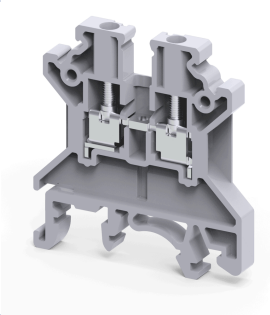
CTS2.5UN – 2.5 mm² Screw Clamp Feed-through Terminal Block in Grey Colour

Connectwell CTS series · screw clamp · feed-through



2.5 mm² Screw Clamp Feed-through Terminal Block in Grey Colour. Rated 24 A at 1000 V (IEC). Takes wire up to 2.5 mm² stranded.

CURRENT (IEC)	VOLTAGE (IEC)	WIRE (STRANDED)
24 A	**1000 V**	**0.2 – 2.5 mm²**
WIRE (AWG)	**WIDTH**	**LEVELS / CONNECTIONS**
22 – 12 AWG	**5 mm**	**1 / 2**

1 Choose your colour

Colour	Part number	Standard pack
Grey	**CTS2.5UN**	100 pcs
Beige	**CTS2.5UNBG**	100 pcs
Black	**CTS2.5UNBK**	100 pcs
Brown	**CTS2.5UNBR**	100 pcs
Blue	**CTS2.5UNBU**	100 pcs
Green	**CTS2.5UNGN**	100 pcs
Orange	**CTS2.5UNO**	100 pcs
Red	**CTS2.5UNR**	100 pcs
Yellow	**CTS2.5UNY**	100 pcs

Prices on request. Full standard packs get our best pricing. Part numbers are Connectwell numbers.

2 Technical data

Electrical	
Rated voltage (IEC)	1000 V
Rated current (IEC)	24 A
Tightening torque (IEC)	0.4 Nm
Rated voltage (UL / CSA)	600 V
Rated current (UL / CSA)	25 A
Tightening torque (UL / CSA)	7 lb-in
Rated surge voltage	8 kV
Overvoltage category	III
Pollution degree	3
Short-time withstand current	0.3 kA

Wire connection	
Connection	Screw Clamp
Wire entry	Side
Solid conductor	0.2 mm² to 4 mm²
Stranded conductor	0.2 mm² to 2.5 mm²
Stranded with ferrule	0.2 mm² to 2.5 mm²
Two conductors, twin ferrule	0.2 mm² to 1.5 mm²
AWG range	22 AWG to 12 AWG
Stripping length	8 mm
Screw	M2.5
Operated with	Screwdriver

Mechanical	
Width (thickness)	5 mm
Length	43 mm
Height on 35 x 7.5 mm rail	46.2 mm
Height on 35 x 15 mm rail	53.7 mm
Mounting	DIN 32/DIN 35/DIN 35-15 Rail
Weight	6.4 g

Material	
Housing	Polyamide
Flammability (UL 94)	V2
Operating temperature	-40 to +105 °C
Country of origin	India

Standards and certificates: UL 1059 (UL E220514-20120321) · **CSA C22.2 No. 158:23** (CSA 1470201) · **IEC 60947-7-1** (UL DK-27041-A3-M1-UL)

3 Add the accessories



END PLATE
EP2.5/4UN
End Plate suitable for CTS2.5UN and CTS4UN series Terminal blocks in Grey Colour
Standard pack: 50 pcs



PARTITION PLATE
PP2.5/4UN
Partition Plate suitable for CTS2.5UN and CTS4UN series Terminal Blocks in Grey Colour
Standard pack: 50 pcs



SEPARATOR PLATE
SP2.5/4UN
Seperator Plate suitable for CTS2.5UN and CTS4UN series Terminal Blocks in Grey Colour
Standard pack: 100 pcs



JUMPER
CA721/2
Screw Type Jumper, 2 Pole, Non-Insulated
Standard pack: 100 pcs

JUMPER
JT2.5/4
Screw Type Jumper, 4 Pole, Insulated, in Orange Colour
Standard pack: on request



JUMPER
CA731/10
Jumper Bar for shorting, 10 Pole, Non-Insulated (also: CA721/3, CA721/4, CA721/10, JT2.5/2, JT2.5/3, JT2.5/10, CA703/01, CA704/01)
Standard pack: 100 pcs



END CLAMP
CA702
End Clamp with DIN rail clamping screw suitable for DIN32 and DIN35 Type DIN Rails in Grey Colour
Standard pack: 50 pcs



END CLAMP
CA802
End Clamp with DIN rail clamping screw suitable for DIN35 Type DIN Rails in Grey Colour
Standard pack: 50 pcs



MARKER CARD
MC5
Marker Card (Blank) suitable for 5mm width Terminal Blocks with 84 Tags
Standard pack: 1 packet (10 cards)

SCREWDRIVER
SCS0.5/3
Electrician's Screwdriver with 0.5x3mm Blade Size suitable for operating Screw, Spring and Push-in Type Terminal blocks
Standard pack: 10 pcs

Request a quote

How to order: choose the part numbers above, note the quantity, and send them to us. Quote the standard pack size or a multiple of it for our best price.
289-236-5064 · info@eklecmatic.ca · www.eklecmatic.ca

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Manufacturer's catalogue page (Connectwell catalogue 2025-26): ordering data and accessories as printed by Connectwell.

CTS SERIES SCREW CLAMP TERMINAL BLOCKS

STANDARD FEED THROUGH TERMINAL BLOCKS

These 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 screw type jumpers.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.

CTS2.5UN



Width (Thickness) x Length	5 x 43 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	46.2 mm / 53.7 mm / 51.1 mm		
Connection Possibility as per	IEC		UL - CSA
With 1 Conductor per clamp — Stranded / Flexible	0.2 - 2.5 mm²		22 - 12 AWG
With 1 Conductor per clamp — Solid	0.2 - 4.0 mm²		22 - 10 AWG
With 1 Conductor per clamp — with Ferrule / Lug	0.2 - 2.5 mm²		22 - 12 AWG
With 2 same size Conductors per clamp — Stranded / Flexible	0.2 - 1.5 mm²		22 - 16 AWG
With 2 same size Conductors per clamp — with TWIN Ferrule / Lug	0.2 - 1.5 mm²		22 - 16 AWG
Wire Stripping Length	8 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158 IEC60079
Voltage	1000 V	600 V	600 V 690 V
Current	24 A	25 A	25 A 21 A
Torque	0.4 Nm	7 lb-in	7 lb-in 0.4 Nm
Approvals			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	CTS2.5UN	100
	Blue	CTS2.5UNBU	100
	Red	CTS2.5UNR	100
	Yellow	CTS2.5UNY	100
	Black	CTS2.5UNBK	100
	Green	CTS2.5UNGN	100
	Orange	CTS2.5UNO	100
	White	CTS2.5UNW	100
	Ground / Earth	CTSG2.5 (Refer Pg. 167 for details)	50
	For Ex (e) Applications	CTS2.5UNEX	100
	For Ex (i) Applications	CTS2.5UNBUEX	100
End Plate		EP2.5/4UN	50
Partition Plate		PP2.5/4UN	50
Separator Plate		SP2.5/4UN	100
Mounting Rail (Refer Pg. 279 for details)		CA701-1M / CA701-1M-S	25 / 50
		CA701-15-1M / CA701-15-1M-S	25 / 50
End Clamp (Refer Pg. 280 for details)		CA702 / CA802	50
Marking Tag (Refer Pg. 286 for details)		MC5	10
Screw Driver		SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers	2 pole	CA721/2	JT2.5/2	24 A	100
	3 pole	CA721/3	JT2.5/3	24 A	100
	4 pole	CA721/4	JT2.5/4	24 A	100
	10 pole	CA721/10	JT2.5/10	24 A	10
Configurable Jumper Bar	2 pole	CA703/01		24 A	100
	3 pole	CA704/01		24 A	100
	4 pole	CA705/01		24 A	100
	10 pole	CA731/10		24 A	100
	10 pole (Breakable)				
	100 pole	CA731/100		24 A	10
Short Sleeve & Screw for configurable jumper bar		CA707/S/Q/01			100
Switchable Jumpers		CA706/01		24 A	100
Long Sleeve & Screw for Switchable Jumpers		CA707/L/Q/01			100
External Jumpers	2 pole		CA717/2	24 A	100
	3 pole		CA717/3	24 A	100
	4 pole		CA717/4	24 A	100
	10 pole		CA717/10	24 A	20
Test Socket		CA707/TS/01			100