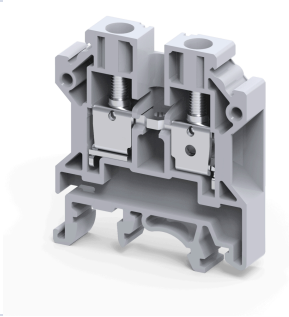
CTS6U – 6 mm² Screw Clamp Feedthrough Terminal Block in Grey Colour

Connectwell CTS series · screw clamp · feed-through



6 mm² Screw Clamp Feedthrough Terminal Block in Grey Colour. Rated 41 A at 1000 V (IEC). Takes wire up to 6 mm² stranded.

CURRENT (IEC)	VOLTAGE (IEC)	WIRE (STRANDED)
41 A	**1000 V**	**0.5 – 6 mm²**
WIRE (AWG)	**WIDTH**	**LEVELS / CONNECTIONS**
22 – 8 AWG	**8 mm**	**1 / 2**

1 Choose your colour

Colour	Part number	Standard pack
Grey	**CTS6U**	100 pcs
Beige	**CTS6UBG**	100 pcs
Black	**CTS6UBK**	100 pcs
Brown	**CTS6UBR**	100 pcs
Blue	**CTS6UBU**	100 pcs
Green	**CTS6UGN**	100 pcs
Orange	**CTS6UO**	100 pcs
Red	**CTS6UR**	100 pcs
Yellow	**CTS6UY**	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)	41 A
Tightening torque (IEC)	0.8 Nm
Rated voltage (UL / CSA)	600 V
Rated current (UL / CSA)	50 A
Tightening torque (UL / CSA)	14 lb-in
Rated surge voltage	8 kV
Overvoltage category	III
Pollution degree	3
Short-time withstand current	0.72 kA

Wire connection	
Connection	Screw Clamp
Wire entry	Side
Solid conductor	0.5 mm² to 6 mm²
Stranded conductor	0.5 mm² to 6 mm²
Stranded with ferrule	0.5 mm² to 6 mm²
Two conductors, twin ferrule	0.5 mm² to 4 mm²
AWG range	22 AWG to 8 AWG
Stripping length	9 mm
Screw	M3.5
Operated with	Screwdriver

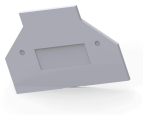
Mechanical	
Width (thickness)	8 mm
Length	43 mm
Height on 35 x 7.5 mm rail	47.8 mm
Height on 35 x 15 mm rail	55.5 mm
Mounting	DIN 32/DIN 35/DIN 35-15 Rail
Weight	12.8 g

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

Standards and certificates: UL 1059 (UL E220514-20011003) · **CSA C22.2 No. 158:23** (CSA 1470201) · **IEC 60947-7-1** (UL DK-27041-A3-M1-UL)

3 Add the accessories

END PLATE
EP6/10U
End Plate suitable for CTS6U and CTS10U series Terminal blocks in Grey Colour
Standard pack: 50 pcs



PARTITION PLATE
PP6/10U
Partition Plate suitable for CTS6U and CTS10U series Terminal Blocks in Grey Colour
Standard pack: 50 pcs



SEPARATOR PLATE
SP6/10U
Seperator Plate suitable for CTS6U and CTS10U series Terminal Blocks in Grey Colour
Standard pack: 100 pcs

JUMPER
CA723/2
Screw Type Jumper, 2 Pole, Non-Insulated
Standard pack: 100 pcs

JUMPER
CA743/4
Screw Type Jumper, 4 Pole, Insulated, in Orange Colour
Standard pack: on request

JUMPER
CA733/10
Jumper Bar for shorting, 10 Pole, Non-Insulated (also: CA723/3, CA723/4, CA723/10, CA743/2, CA743/3, CA743/10, CA703/2, CA704/2)
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
MC8
Marker Card (Blank) suitable for 8mm width Terminal Blocks with 48 Tags
Standard pack: 1 packet (10 cards)

SCREWDRIVER
SCS0.8/4
Electrician's Screwdriver with 0.8x4mm 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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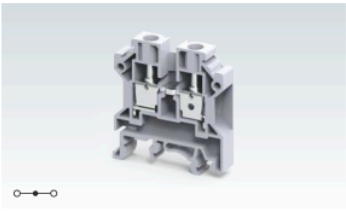
Manufacturer's catalogue page (Connectwell catalogue 2025-26): ordering data and accessories as printed by Connectwell.

CTS2.5UE	CTS4UN	CTS6U
		
6 x 43 mm	6 x 43 mm	8 x 43 mm
46.2 mm / 53.7 mm / 51.1 mm	46.2 mm / 53.7 mm / 51.1 mm	47.8 mm / 55.5 mm / 52.8 mm
IEC / UL - CSA	IEC / UL - CSA	IEC / UL - CSA
0.2 - 4.0 mm² / 22 - 10 AWG	0.2 - 4.0 mm² / 22 - 10 AWG	0.5 - 6.0 mm² / 22 - 8 AWG
0.2 - 6.0 mm² /	0.2 - 6.0 mm² /	/
0.2 - 4.0 mm² / 22 - 10 AWG	0.2 - 4.0 mm² / 22 - 10 AWG	0.5 - 6.0 mm² / 22 - 8 AWG
0.2 - 2.5 mm² / 22 - 12 AWG	0.2 - 2.5 mm² / 22 - 12 AWG	0.5 - 4.0 mm² / 22 - 10 AWG
0.2 - 2.5 mm² / 22 - 12 AWG	0.2 - 2.5 mm² / 22 - 12 AWG	0.5 - 4.0 mm² / 22 - 10 AWG
8 mm	8 mm	9 mm
IEC60947-7-1 / UL-1059 / CSA22.2-158 / IEC60079	IEC60947-7-1 / UL-1059 / CSA22.2-158 / IEC60079	IEC60947-7-1 / UL-1059 / CSA22.2-158 / IEC60079
1000 V / 600 V / 600 V / 690 V	1000 V / 600 V / 600 V / 690 V	1000 V / 600 V / 600 V / 690 V
30 A / 35 A / 30 A / 28 A	32 A / 35 A / 35 A / 28 A	41 A / 50 A / 50 A / 36 A
0.5 Nm / 7 lb-in / 7 lb-in / 0.4 Nm	0.5 Nm / 7 lb-in / 7 lb-in / 0.5 Nm	0.8 Nm / 14 lb-in / 14 lb-in / 0.8 Nm
Polyamide 6,6 / 1	Polyamide 6,6 / 1	Polyamide 6,6 / 1
8 KV / 3	8 KV / 3	8 KV / 3

Type / Cat. No.	Standard Pack
CTS2.5UE	100
CTS2.5UEBU	100
CTS2.5UER	100
CTS2.5UEY	100
CTS2.5UEBK	100
CTS2.5UEGN	100
CTS2.5UEO	100
CTS2.5UEW	100
CTSG4 (Refer Pg. 168 for details)	50
CTS2.5UEEX	100
CTS2.5UEBUEX	100
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
CTS4UN CA721/2	100
CTS4UNBU CA721/3	100
CTS4UNR CA721/4	100
CTS4UNY CA721/10	100
CTS4UNBK	100
CTS4UNGN	100
CTS4UNO	100
CTS4UNW	100
CTSG4 (Refer Pg. 168 for details)	50
CTS4UNEX	100
CTS4UNBUEX	100
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
CTS6U	100
CTS6UBU	100
CTS6UR	100
CTS6UY	100
CTS6UBK	100
CTS6UGN	100
CTS6UO	100
CTS6UW	100
CGT6N (Refer Pg. 169 for details)	50
CTS6UEX	100
CTS6UBUEX	100
EP6/10U	50
PP6/10U	50
SP6/10U	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	JT4/2	32 A	100
CA722/3	JT4/3	32 A	100
CA722/4	JT4/4	32 A	100
CA722/10	JT4/10	32 A	10
CA703/1		32 A	
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	100
CA707/S/Q/01			10
CA706/1		32A	100
CA707/L/Q/01			100
	CA713/2	30 A	100
	CA713/3	30 A	100
	CA713/4	30 A	100
	CA713/10	30 A	100
CA707/TS/01			20

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	JT4/2	32 A	100
CA722/3	JT4/3	32 A	100
CA722/4	JT4/4	32 A	100
CA722/10	JT4/10	32 A	10
CA703/1		32 A	
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	100
CA707/S/Q/01			10
CA706/1		32A	100
CA707/L/Q/01			100
	CA713/2	30 A	
	CA713/3	30 A	100
	CA713/4	30 A	100
	CA713/10	30 A	100
CA707/TS/01			20

Uninsulated	Insulated	Imax	Standard Pack
CA723/2	CA743/2	41 A	100
CA723/3	CA743/3	41 A	50
CA723/4	CA743/4	41 A	50
CA723/10	CA743/10	41 A	10
CA703/2		41 A	100
CA704/2		41 A	100
CA705/2		41 A	100
CA733/10		41 A	100
CA707/S/Q/1			100
CA706/2		41A	100
CA707/L/Q/1			100
	CA710/2	35 A	100
	CA710/3	35 A	50
	CA710/4	35 A	50
	CA710/10	35 A	20
CA707/TS/05			100