

FEED-THROUGH

35 or 32mm DIN Rail

Altech "U" Series Universal Rail Mounting Standard Screw Clamp Feed through terminals are the most versatile terminals for wire-to-wire connection in control, automation, instrumentation and power distribution applications. A special design feature on the flexible foot enables easy mounting and dismounting from the DIN Rail with the help of a screwdriver.

The terminals with AEx eII EEEx eII can be used in a potentially explosive atmosphere which may occur in chemical and petrochemical industry. These terminals can be used in Class 1, Zone 0, 1 & 2 hazardous locations. These terminal blocks comply to En 500019.



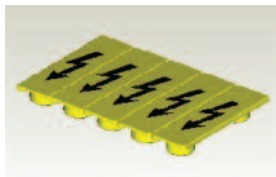
COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

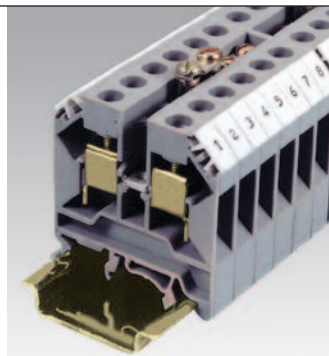
Example: CTS2.5U-N/R

Color	Ordering Suffix
Red	R
Blue	BU
Black	BL
Orange	O
Green	G
Yellow	Y
White	W
Beige	BG
Dark Brown	DB



Warning labels available. See page 67.

* 35A with one No. 10 AWG and 40A with two No. 12 AWG wires.



Terminal Width	5 mm
Height x Length	45 x 43 mm
Stripping Length	9 mm
Insulation Material	Polyamide 6.6
Type of Connection	2 screw clamps & 1 tapped hole for cross connection
Approvals	
Wire Range	22-12 AWG 0.5-2.5 sq.mm 22-14 AWG
Voltage Rating	600 V 750 V 600 V
Current Rating	25 A 24 A 20 A
Torque	7 lb-in 0.4 Nm 7 lb-in

Terminal Block	Cat. No. CTS2.5U-N	Std. Pk. 100
End Plate	EP2.5/4UN	50
Isolation Partition	PP2.5/4UN	50
Separator Plate	SP2.5/4UN	100

DIN Rail
for ordering information refer to page 62

End Stop	CA702	50
for ordering information refer to page 63	CA802	50

Internal Jumper	2 pole	CA721/2	100
	3 pole	CA721/3	50
	4 pole	CA721/4	50
	10 pole	CA721/10	10
	100 pole	CA721/100	10

Insulated Internal Jumper	2 pole	CA741/2	100
	3 pole	CA741/3	50
	4 pole	CA741/4	50
	10 pole	CA741/10	10
	100 pole	CA741/100	10

Current Bars	2 pole	CA703/01	100
	3 pole	CA704/01	100
	4 pole	CA705/01	100
	10 pole	CA731/10	100
	10 pole (breakable)	—	—
	100 pole	CA731/100	10

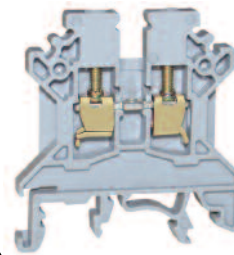
Shorting Sleeve & Screw	CA 707/S/Q/01	100
-------------------------	---------------	-----

External Jumper	2 pole	CA717/2	100
	3 pole	CA717/3	100
	4 pole	CA717/4	100
	10 pole	CA717/10	25

Marking Tags	MT5	100
--------------	-----	-----

Warning Label

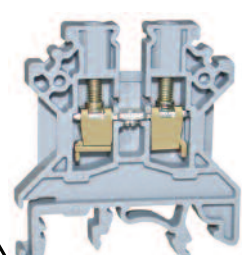
CTS2.5U-N



AEx eII EEEx eII



CTS4U-N



AEx eII EEEx eII



Terminal Width	5 mm
Height x Length	45 x 43 mm
Stripping Length	9 mm
Insulation Material	Polyamide 6.6
Type of Connection	2 screw clamps & 1 tapped hole for cross connection
Approvals	
Wire Range	22-12 AWG 0.5-2.5 sq.mm 22-14 AWG
Voltage Rating	600 V 750 V 600 V
Current Rating	25 A 24 A 20 A
Torque	7 lb-in 0.4 Nm 7 lb-in

Terminal Block	Cat. No. CTS2.5U-N	Std. Pk. 100
End Plate	EP2.5/4UN	50
Isolation Partition	PP2.5/4UN	50
Separator Plate	SP2.5/4UN	100

DIN Rail
for ordering information refer to page 62

End Stop	CA702	50
for ordering information refer to page 63	CA802	50

Internal Jumper	2 pole	CA721/2	100
	3 pole	CA721/3	50
	4 pole	CA721/4	50
	10 pole	CA721/10	10
	100 pole	CA721/100	10

Insulated Internal Jumper	2 pole	CA741/2	100
	3 pole	CA741/3	50
	4 pole	CA741/4	50
	10 pole	CA741/10	10
	100 pole	CA741/100	10

Current Bars	2 pole	CA703/01	100
	3 pole	CA704/01	100
	4 pole	CA705/01	100
	10 pole	CA731/10	100
	10 pole (breakable)	—	—
	100 pole	CA731/100	10

Shorting Sleeve & Screw	CA 707/S/Q/01	100
-------------------------	---------------	-----

External Jumper	2 pole	CA717/2	100
	3 pole	CA717/3	100
	4 pole	CA717/4	100
	10 pole	CA717/10	25

Marking Tags	MT5	100
--------------	-----	-----

Terminal Width	6 mm
Height x Length	45 x 43 mm
Stripping Length	9 mm
Insulation Material	Polyamide 6.6
Type of Connection	2 screw clamps & 1 tapped hole for cross connection
Approvals	
Wire Range	22-10 AWG 0.5-4 sq.mm 22-10 AWG
Voltage Rating	600 V 750 V 600 V
Current Rating	35/40 A* 32 A 35/40A*
Torque	7 lb-in 0.5 Nm 7 lb-in

Terminal Block	Cat. No. CTS4U-N	Std. Pk. 100
End Plate	EP2.5/4UN	50
Isolation Partition	PP2.5/4UN	50
Separator Plate	SP2.5/4UN	100

DIN Rail
for ordering information refer to page 62

End Stop	CA702	50
for ordering information refer to page 63	CA802	50

Internal Jumper	2 pole	CA722/2	100
	3 pole	CA722/3	50
	4 pole	CA722/4	50
	10 pole	CA722/10	10
	100 pole	CA722/100	10

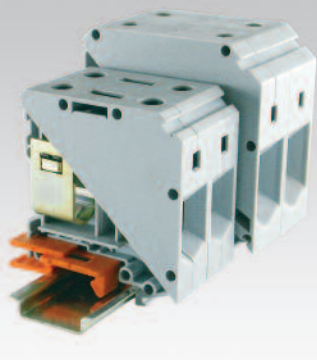
Insulated Internal Jumper	2 pole	CA742/2	100
	3 pole	CA742/3	50
	4 pole	CA742/4	50
	10 pole	CA742/10	10
	100 pole	CA742/100	10

Current Bars	2 pole	CA703/1	100
	3 pole	CA704/1	100
	4 pole	CA705/1	100
	10 pole	CA732/10	100
	10 pole (breakable)	CA732/10-A	100
	100 pole	CA732/100	10

Shorting Sleeve & Screw	CA707/S/Q/01	100
-------------------------	--------------	-----

External Jumper	2 pole	CA713/2	100
	3 pole	CA713/3	100
	4 pole	CA713/4	50
	10 pole	CA713/10	25

Marking Tags	MT6	100
--------------	-----	-----

	CTS35U			CTS50U			CTS95U		
									
	 AEx eII EEx eII 								
Terminal Width	15 mm			20.5 mm			25 mm		
Height x Length	58 x 52.5 mm			75.5 x 71 mm			90 x 83 mm		
Stripping Length	18 mm			22 mm			24 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Type of Connection	2 screw clamps & 1 tapped hole for cross connection			2 screw clamp connections			2 Allen screw clamp connections		
Approvals	  			  			  		
Wire Range	8-2 AWG	10-35 sq.mm	8-2 AWG	6-2/0 AWG	16-50 sq.mm	6-2/0 AWG	2-4/0 AWG	16-95 sq.mm	2-4/0 AWG
Voltage Rating	600 V	750 V	600 V	600V	1000 V	600 V	600V	1000 V	600 V
Current Rating	145 A	125 A	145 A	150 A	150 A	150 A	230 A	232 A	230 A
Torque	25 lb-in	2.5 Nm	25 lb-in	60 lb-in	6.8 Nm	60 lb-in	160 lb-in	18.2 Nm	160 lb-in
Terminal Block	Cat. No. CTS35U	Std. Pk. 50		Cat. No. CTS50U	Std. Pk. 20		Cat. No. CTS95U	Std. Pk. 10	
End Plate	EP35U	50							
Isolation Partition	PP35U	50							
Separator Plate									
DIN Rail for ordering information refer to page 62									
End Stop for ordering information refer to page 63	 CA702 50 CA802 50			CA202 50 CA102 50			CA202 50 CA102 50		
Internal Jumper	 CA726/2 50 CA726/3 25 CA726/4 25 CA726/10 10								
Insulated Internal Jumper	 CA746/2 50 CA746/3 25 CA746/4 25 CA746/10 10								
Current Bars	 CA703/5 100 CA704/5 100 CA705/5 100 CA736/10 100								
Shorting Sleeve & Screw	 CA707/S/Q/2 100								
Marking Tags	 MT15 100			MT20 100			MT25 100		

