

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 cII EEEx cII 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.



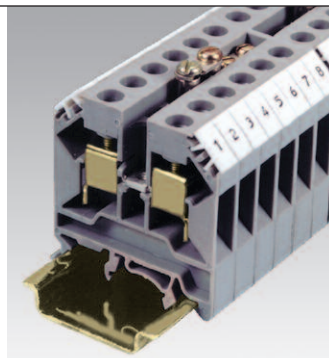
COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

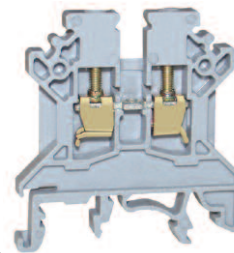
Color	Ordering Suffix
Red	R
Blue	BU
Black	BL
Orange	O
Green	G
Yellow	Y
White	W
Beige	BG
Dark Brown	DB



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.	Std. Pk.
	CTS2.5U-N	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	for ordering information refer to page 63	
Internal Jumper	2 pole 3 pole 4 pole 10 pole 100 pole	CA721/2 100 CA721/3 50 CA721/4 50 CA721/10 10 CA721/100 10
Insulated Internal Jumper	2 pole 3 pole 4 pole 10 pole 100 pole	CA741/2 100 CA741/3 50 CA741/4 50 CA741/10 10 CA741/100 10
Current Bars	2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole	CA703/01 100 CA704/01 100 CA705/01 100 CA731/10 100 — CA731/100 10
Shorting Sleeve & Screw	CA 707/S/Q/01	100
External Jumper	2 pole 3 pole 4 pole 10 pole	CA717/2 100 CA717/3 100 CA717/4 100 CA717/10 25
Marking Tags	MT5	100

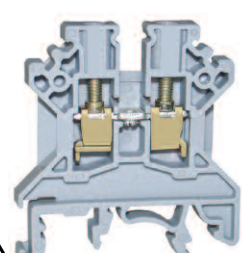
CTS2.5U-N



AEx cII EEEx cII



CTS4U-N



AEx cII EEEx cII



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	22-10 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.	Std. Pk.
	CTS2.5U-N	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	for ordering information refer to page 63	
Internal Jumper	2 pole 3 pole 4 pole 10 pole 100 pole	CA721/2 100 CA721/3 50 CA721/4 50 CA721/10 10 CA721/100 10
Insulated Internal Jumper	2 pole 3 pole 4 pole 10 pole 100 pole	CA741/2 100 CA741/3 50 CA741/4 50 CA741/10 10 CA741/100 10
Current Bars	2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole	CA703/01 100 CA704/01 100 CA705/01 100 CA731/10 100 — CA731/100 10
Shorting Sleeve & Screw	CA 707/S/Q/01	100
External Jumper	2 pole 3 pole 4 pole 10 pole	CA717/2 100 CA717/3 100 CA717/4 100 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.	Std. Pk.
	CTS4U-N	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	for ordering information refer to page 63	
Internal Jumper	2 pole 3 pole 4 pole 10 pole 100 pole	CA722/2 100 CA722/3 50 CA722/4 50 CA722/10 10 CA722/100 10
Insulated Internal Jumper	2 pole 3 pole 4 pole 10 pole 100 pole	CA742/2 100 CA742/3 50 CA742/4 50 CA742/10 10 CA742/100 10
Current Bars	2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole	CA703/1 100 CA704/1 100 CA705/1 100 CA732/10 100 CA732/10-A 100 CA732/100 10
Shorting Sleeve & Screw	CA 707/S/Q/01	100
External Jumper	2 pole 3 pole 4 pole 10 pole	CA713/2 100 CA713/3 100 CA713/4 50 CA713/10 25
Marking Tags	MT6	100

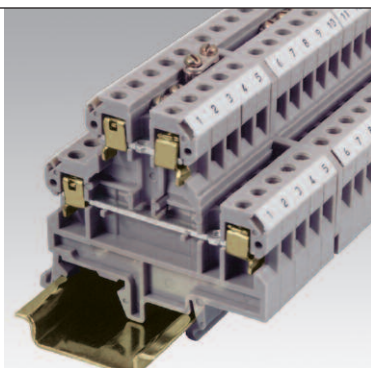
* 35A with one No. 10 AWG and 40A with two No. 12 AWG wires.

FEED-THROUGH DOUBLE LEVEL 35 or 32mm DIN Rail

Altech double level terminals are the answer to high wiring density problems posed by certain unavoidable wiring arrangements. Double level terminals have the following advantages:

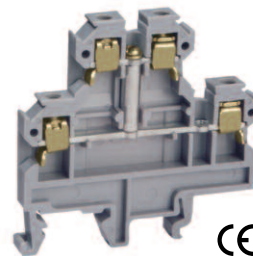
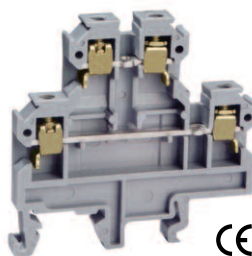
- Double wiring density available without extension of mounting rails.
- Interconnection/shorting can be done at both levels.
- Marking/identification by marking tags possible at both levels.

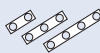
CDL4U(I.S) internally shorted double level terminals are useful for distribution applications by using shorting links at lower levels.



CDL4U

CDL4U(I.S)



Terminal Width	6 mm			6 mm		
Height x Length	54 x 55.5 mm			54 x 55.5 mm		
Stripping Length	9 mm			9 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6		
Type of Connection	4 screw clamps & 2 tapped holes for cross connection			4 screw clamps & 1 tapped hole for cross connection		
Approvals	  			  		
Wire Range	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	300V	400 V	600 V	300 V	400 V	600 V
Current Rating	35 A	32 A	35 A	35 A	32 A	35 A
Torque	7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in
	Cat. No.	Std. Pk.		Cat. No.	Std. Pk.	
Terminal Block	CDL4U	100		CDL4U(I.S)	100	
End Plate 	EPCDL4U	50		EPCDL4U	50	
Separator Plate 	SPCDL4U	100		SPCDL4U	100	
DIN Rail for ordering information refer to page 62						
End Stop for ordering information refer to page 63 	CA702	50		CA702	50	
	CA802	50		CA802	50	
Internal Jumper 	2 pole	CA727/2	100	2 pole	CA727/2	100
	3 pole	CA727/3	50	3 pole	CA727/3	50
	4 pole	CA727/4	50	4 pole	CA727/4	50
	10 pole	CA727/10	10	10 pole	CA727/10	10
Insulated Internal Jumper 	2 pole	CA747/2	100	2 pole	CA747/2	100
	3 pole	CA747/3	50	3 pole	CA747/3	50
	4 pole	CA747/4	50	4 pole	CA747/4	50
	10 pole	CA747/10	10	10 pole	CA747/10	10
Current Bars 	2 pole	CA703/1	100	2 pole	CA703/1	100
	3 pole	CA704/1	100	3 pole	CA704/1	100
	4 pole	CA705/1	100	4 pole	CA705/1	100
	10 pole	CA732/10	100	10 pole	CA732/10	100
	10 pole (breakable)	CA732/10-A	100	10 pole (breakable)	CA732/10-A	100
	100 pole	CA732/100	10	100 pole	CA732/100	10
Shorting Sleeve & Screw 		CA607/S/Q	100		CA607/S/Q	100
External Jumper 	2 pole	CA714/2	100	2 pole	CA714/2	100
	3 pole	CA714/3	100	3 pole	CA714/3	100
	4 pole	CA714/4	50	4 pole	CA714/4	50
	10 pole	CA714/10	25	10 pole	CA714/10	25
Marking Tags (MT Type) 	MT2	100		MT2	100	



COLOR BLOCKS

(other than grey standard)

When ordering please add color suffix to Cat. No.

Example: CTS2.5U-N/R

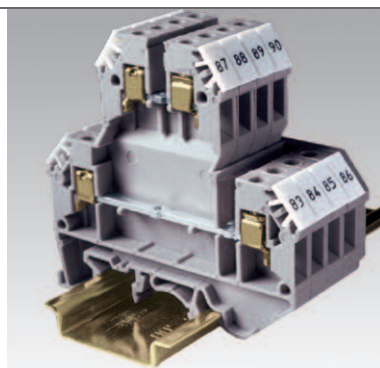
Color	Ordering Suffix
Red	R
Blue	BU
Black	BL
Orange	O
Green	G
Yellow	Y
White	W
Beige	BG
Dark Brown	DB

FEED-THROUGH OFFSET DOUBLE LEVEL

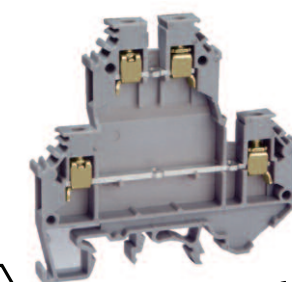
Altech Offset Double Level Terminals, which provide a separate connection at two levels. In ODL, the top level is offset from the bottom level by half the thickness of the terminal.

This offset provides better accessibility to the screws on the lower level.

*It is recommended to use end plates at both ends of assembled ODL terminal sets for flat alignment to enable effective use of end stops.



ODL4U



Terminal Width	6 mm		
Height x Length	63 x 68 mm		
Stripping Length	9 mm		
Insulation Material	Polyamide 6.6		
Type of Connection	4 screw clamps & 2 tapped holes for cross connection		
Approvals	  		
Wire Range	22-10 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	600 V	600 V	600 V
Current Rating	35 A	32 A	35 A
Torque	7 lb-in	0.5 Nm	7 lb-in

Terminal Block

ODL4U 50

End Plate*

Front
Back



EPODL4U 50
EP1ODL4U 50

DIN Rail
for ordering information
refer to page 62



End Stop
for ordering information
refer to page 63



CA702 50
CA802 50

Internal Jumper



CA727/2 10
CA727/3 10
CA727/4 10
CA727/10 10

Insulated Internal Jumper



CA747/2 100
CA747/3 50
CA747/4 50
CA747/10 10

Current Bars



CA703/1 100
CA704/1 100
CA705/1 100
CA732/10 100
CA732/10-A 100
CA732/100 10

Shorting Sleeve & Screw



CA607/S/Q 100

External Jumper



CA714/2 100
CA714/3 100
CA714/4 50
CA714/10 25

Marking Tags (MT Type)



MT6 100



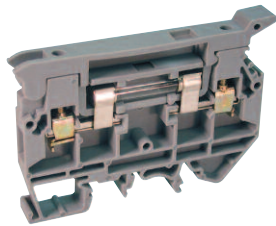
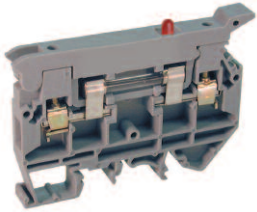
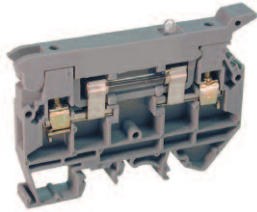
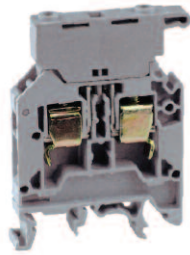
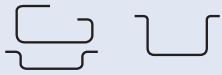
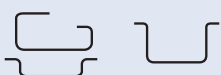
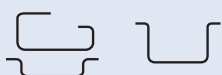
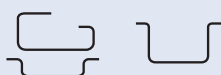
COLOR BLOCKS

(other than grey standard)

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Example: CTS2.5U-N/R

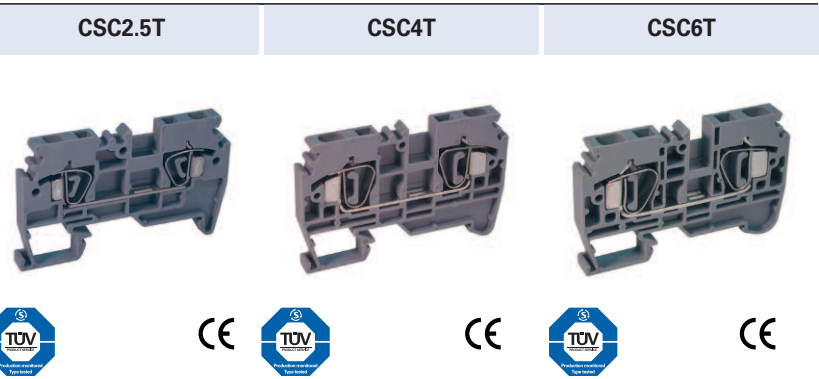
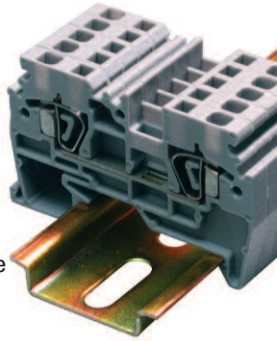
Color	Ordering Suffix
Red	R
Blue	BU
Black	BL
Orange	O
Green	G
Yellow	Y
White	W
Beige	BG
Dark Brown	DB

CAFL4U			CAFL4U(L)*			CAFL4U(N)			CSFL6U		
											
9 mm			9 mm			9 mm			8 mm		
50 x 72 mm			50 x 70 mm			50 x 70 mm			60 x 43 mm		
12 mm			12 mm			12 mm			12 mm		
Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
2 screw clamps			2 screw clamps			2 screw clamps			2 screw clamps		
			24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC, 300V AC			110-220V AC					
Ø1/4x1 in., Ø1/4x1 1/4 in.			Ø1/4x1 in., Ø1/4x1 1/4 in.			Ø1/4x1 in., Ø1/4x1 1/4 in.			Ø5x20, Ø5x25 mm		
											
22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-8 AWG	1.5-6 sq.mm	22-8 AWG
600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	300 V	500 V	300 V
16 A	6.3 A	12 A	16 A	6.3 A	12 A	16 A	6.3 A	12 A	10 A	6.3 A	10 A
7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in	14 lb-in	0.8 Nm	14 lb-in
Cat. No.			Cat. No.			Cat. No.			Cat. No.		
Std. Pk.			Std. Pk.			Std. Pk.			Std. Pk.		
CAFL4U			25			CAFL4U(L)*			25		
EPCAFL4U			50			EPCAFL4U			50		
											
CA702	50		CA702	50		CA702	50		CA702	50	
CA802	50		CA802	50		CA802	50		CA802	50	
CA716/2	50		CA716/2	50		CA716/2	50		CA710/2	100	
CA716/3	50		CA716/3	50		CA716/3	50		CA710/3	100	
CA716/4	50		CA716/4	50		CA716/4	50		CA710/4	100	
CA716/10	25		CA716/10	25		CA716/10	25		CA710/10	25	
MT9	100		MT9	100		MT9	100		MT8	100	
									MT6	100	

* Add required voltage to part number as a suffix.
i.e. CAFL4U(L)/24 for 24V AC/DC.

FEED-THROUGH Spring Clamp Terminals

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35 mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



Terminal Width	5 mm	6 mm	8 mm
Height x Length	36 x 58 mm	42 x 65 mm	45 x 72 mm
Stripping Length	9 mm	9 mm	12 mm
Insulation Material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Type of Connection	2 spring clamps & 2 slots for interconnection	2 spring clamps & 2 slots for interconnection	2 spring clamps & 2 slots for interconnection
Approvals	C US	C US	C US
Wire Range	22-14 AWG 0.5-2.5 sq.mm 22-14 AWG	22-12AWG 0.5-4 sq.mm 22-12 AWG	22-8AWG 0.5-8sq.mm 22-8AWG
Voltage Rating	600 V 750 V 600 V	600 V 750 V 600 V	600 V 750 V 600 V
Current Rating	20 A 24 A 20 A	25 A 32 A 25 A	50 A 41 A 50 A

MULTI-CONNECTION Spring Clamp Terminals

Altech Multiple connection Spring Clamp terminals offer a reliable solution for problems posed by multiple voltage connections. The terminal eliminates conventional method of cross connection / looping, saving additional space.

The terminals provide of further multiplication connections through bridging. The Multiple Connection Terminal Blocks can even be bridged to Standard Feed Through Spring Clamp Terminal Block of respective wire size (CSC2.5T / CSC4T / CSC6T).

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block	CSC2.5T	100	CSC4T	100	CSC6T	50
End Plate	EPCSC2.5T	50	EPCSC4T	50	EPCSC6T	50
Partition Plate	PPCSC2.5T	50	PPCSC4T	50	PPCSC6T	50
DIN Rail for ordering information refer to page 62						
End Stop for ordering information refer to page 63	CA702 50 CA802 50		CA702 50 CA802 50		CA702 50 CA802 50	
Jumpers Adjacent Alternate	CA801/1 100 CA801/1-3 100		CA801/2 100 CA801/2-3 100		CA801/3 100 CA801/3-3 100	
Push in type wire jumper	CA901/1 100		CA901/2 100		CA901/3 100	
Marking Tags (MT Type)	MT5 100		MT6 100		MT8 100	

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

