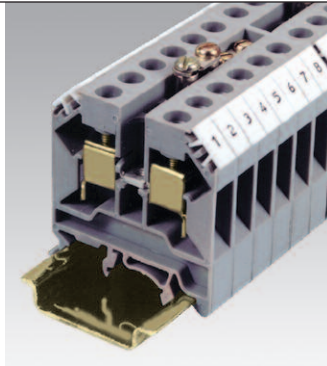


FEED-THROUGH

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** **EEx 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**.



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

	CTS2.5U-N			CTS4U-N		
	AEx eII EEx eII			AEx eII EEx eII		
Terminal Width	5 mm			6 mm		
Height x Length	45 x 43 mm			45 x 43 mm		
Stripping Length	9 mm			9 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6		
Type of Connection	2 screw clamps & 1 tapped hole for cross 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	22-10 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	600 V	750 V	600 V	600 V	750 V	600 V
Current Rating	25 A	24 A	20 A	35/40 A*	32 A	35/40A*
Torque	7 lb-in	0.4 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block		CTS2.5U-N	100	CTS4U-N	100
End Plate		EP2.5/4UN	50	EP2.5/4UN	50
Isolation Partition		PP2.5/4UN	50	PP2.5/4UN	50
Separator Plate		SP2.5/4UN	100	SP2.5/4UN	100
DIN Rail					
<i>for ordering information refer to page 62</i>					
End Stop		CA702 CA802	50 50	CA702 CA802	50 50
<i>for ordering information refer to page 63</i>					
Internal Jumper		2 pole 3 pole 4 pole 10 pole 100 pole	CA721/2 CA721/3 CA721/4 CA721/10 CA721/100	100 50 50 10 10	CA722/2 CA722/3 CA722/4 CA722/10 CA722/100
Insulated Internal Jumper		2 pole 3 pole 4 pole 10 pole 100 pole	CA741/2 CA741/3 CA741/4 CA741/10 CA741/100	100 50 50 10 10	CA742/2 CA742/3 CA742/4 CA742/10 CA742/100
Current Bars		2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole	CA703/01 CA704/01 CA705/01 CA731/10 — CA731/100	100 100 100 100 — 10	CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100
Shorting Sleeve & Screw		CA 707/S/Q/01	100	CA707/S/Q/01	100
External Jumper		2 pole 3 pole 4 pole 10 pole	CA717/2 CA717/3 CA717/4 CA717/10	100 100 100 25	CA713/2 CA713/3 CA713/4 CA713/10
Marking Tags		MT5	100	MT6	100





























COLOR BLOCKS
(other than grey standard)

When ordering please add color suffix to Cat. No.

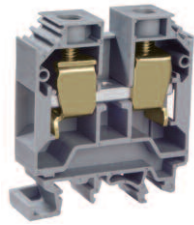
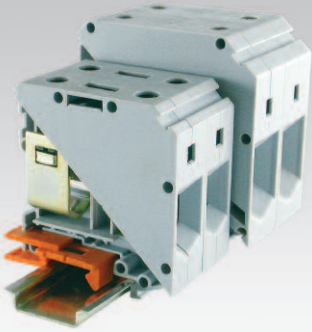
Example: CTS2.5U-N/R

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




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






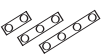


CTS6U		CTS10U		CTS16U		CTS25U	
							
 AEx eII EEx eII 		 AEx eII EEx eII 		 AEx eII EEx eII 		 AEx eII EEx eII 	
8 mm		10 mm		12 mm		12 mm	
47 x 43 mm		47 x 43 mm		47 x 43 mm		56 x 49.5 mm	
12 mm		12 mm		16 mm		18 mm	
Polyamide 6.6		Polyamide 6.6		Polyamide 6.6		Polyamide 6.6	
2 screw clamps & 1 tapped hole for cross connection		2 screw clamps & 1 tapped hole for cross connection		2 screw clamps & 1 tapped hole for cross connection		2 screw clamps & 1 tapped hole for cross connection	
  		  		  		  	
22-8 AWG 1.5-6 sq.mm 22-8 AWG		22-6 AWG 1.5-10 sq.mm 16-6 AWG		22-6 AWG 2.5-16 sq.mm 20-4 AWG		12-2 AWG 6-25 sq.mm 14-2 AWG	
600 V 750 V 600 V		600 V 750 V 600 V		600 V 800 V 600 V		600 V 750 V 600 V	
50 A 41 A 50 A		65 A 57 A 65 A		70 A 76 A 85 A		115 A 101 A 115 A	
9 lb-in 0.8 Nm 14 lb-in		14 lb-in 1.2 Nm 14 lb-in		14 lb-in 1.2 Nm 14 lb-in		25 lb-in 2.0 Nm 25 lb-in	
Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CTS6U	100	CTS10U	100	CTS16U	50	CTS25U	50
EP6/10U	50	EP6/10U	50			EP25U	50
PP6/10U	50	PP6/10U	50			PP25U	50
SP6/10U	100	SP6/10U	100	SP6/10U	100		
							
CA702	50	CA702	50	CA702	50	CA702	50
CA802	50	CA802	50	CA802	50	CA802	50
CA723/2	100	CA724/2	100	CA751/2	50	CA725/2	50
CA723/3	50	CA724/3	50	CA751/3	50	CA725/3	25
CA723/4	50	CA724/4	50	CA751/4	50	CA725/4	25
CA723/10	10	CA724/10	10	CA751/10	10	CA725/10	10
CA743/2	100	CA744/2	100	CA761/2	50	CA745/2	50
CA743/3	50	CA744/3	50	CA761/3	50	CA745/3	25
CA743/4	50	CA744/4	50	CA761/4	50	CA745/4	25
CA743/10	10	CA744/10	10	CA761/10	10	CA745/10	10
CA703/2	100	CA703/3	100	CA703/8	100	CA703/4	100
CA704/2	100	CA704/3	100	CA704/8	100	CA704/4	100
CA705/2	100	CA705/3	100	CA705/8	100	CA705/4	100
CA733/10	100	CA734/10	100	CA739/10	100	CA735/10	100
CA707/S/Q/1	100	CA707/S/Q/1	100	CA707/S/Q/5	100	CA707/S/Q/2	100
CA710/2	100	CA718/2	100				
CA710/3	100	CA718/3	50				
CA710/4	100	CA718/4	50				
CA710/10	25	CA718/10	25				
MT8	100	MT10	100	MT12	100	MT12	100

CTS35U



AEx eII EEx eII CE

Terminal Width	15 mm
Height x Length	58 x 52.5 mm
Stripping Length	18 mm
Insulation Material	Polyamide 6.6
Type of Connection	2 screw clamps & 1 tapped hole for cross connection
Approvals	  
Wire Range	8-2 AWG 10-35 sq.mm 8-2 AWG
Voltage Rating	600 V 750 V 600 V
Current Rating	145 A 125 A 145 A
Torque	25 lb-in 2.5 Nm 25 lb-in

	Cat. No.	Std. Pk.
Terminal Block	CTS35U	50
End Plate	EP35U	50
Isolation Partition	PP35U	50
Separator Plate		
DIN Rail <i>for ordering information refer to page 62</i>	 	
End Stop <i>for ordering information refer to page 63</i>		CA702 50 CA802 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

GROUND

35 and 32mm DIN Rail

Use ground blocks instead of grounding studs and wire lugs to terminate ground wires, saving installation and wiring time.

Ground blocks clamp mechanically onto the DIN Rail by tightening the center mounting screw, making a reliable electrical connection between the cage clamp terminals and the DIN Rail. The rail serves as a busbar and automatically distributes ground potential to all other ground terminals on the same rail.

Ground blocks can also be used as end stops, preventing other terminal blocks and components from moving laterally on the DIN Rail.

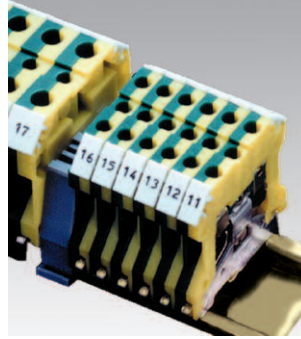
They are supplied with a standard green/yellow housing for easy identification and accept standard marking tags.

CGT4U, CGT10U and CGT35U can be mounted on both DIN 32mm and DIN 35mm rails.

CGT4N & CGT6N can be mounted on 35mm DIN rail and have the same top outer profile as the feed through blocks (CTS4U-N, CTS2.5U-N, CTS6U, CTS10U).

CGMT4 can be mounted on 15mm DIN rails and has the same top outer profile as the CMT4 feed through blocks.

- High density
- Screw-cage clamp
- Special clamping foot
- Polyamide 6.6
- Color: green/yellow



CGT4U



CGT10U







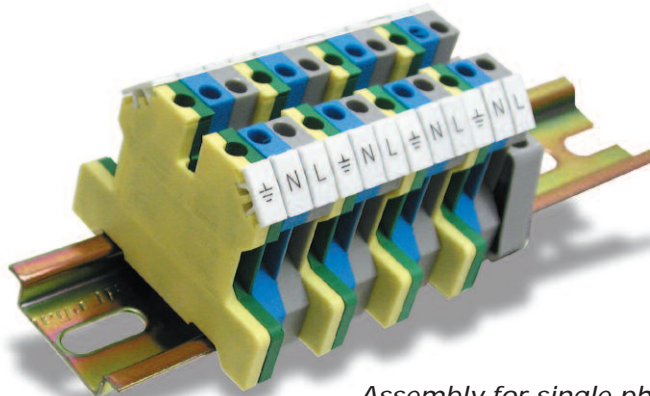
CE
AEx eII EEx eII



CE
AEx eII EEx eII

Terminal Width	6 mm	10 mm
Height x Length	48 x 43 mm	49.5 x 45 mm
Stripping Length	9 mm	12 mm
Insulation Material	Polyamide 6.6	Polyamide 6.6
Type of Connection	2 screw clamps	2 screw clamps
Approvals	  	  
Wire Range	22-10 AWG 0.5-4 sq.mm 22-10 AWG	22-6 AWG 1.5-10 sq.mm 16-8 AWG
Torque	7 lb-in 0.5 Nm 7 lb-in	14 lb-in 1.2 Nm 14 lb-in

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block	CGT4N	50	CGT10N	50
DIN Rail <i>for ordering information refer to page 62</i>				
End Plate	EPCGT4U	100	EPCGT4U	100
Marking Tags (MT Type)	MT6	100	MT10	100



Assembly for single phase 3 wire circuits.