

TRIPLE LEVEL TERMINAL BLOCKS


These Terminal Blocks are an ideal choice for control systems where sensor and actuator applications are involved. The simplified three level connections tremendously increase wiring density in the circuit.

The top level of the CTL2.5UH Terminal Block provides connection points for signal wires while the middle and bottom level are used for positive and negative potentials. In applications where switching indication is required, choice of CTL2.5UHL, CTL2.5UL with built-in electronic components is available.

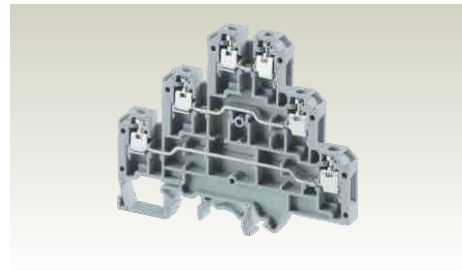
Marking tags in blue and red colour besides the conventional white colour are suggested for effective identification.


CTL2.5U(I.S) Terminal Block is an internally shorted Terminal Block which can be used for distribution applications.

CTL2.5U(I.S)D2 is an internally shorted Terminal Block with a built-in Diode for reverse polarity protection.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 175.

CTL2.5U



Width (Thickness) x Length		6 x 84 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		68.0 mm / 75.6 mm / 73.8 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm ²	22 - 12 AWG		
	Solid	0.2 - 4.0 mm ²	22 - 10 AWG		
	with Ferrule / Lug	0.2 - 2.5 mm ²	22 - 12 AWG		
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm ²	22 - 14 AWG		
	with TWIN Ferrule / Lug	0.2 - 1.5 mm ²	22 - 14 AWG		
Wire Stripping Length		9 mm			
Ratings As Per		IEC60947-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		500 V	300 V	300 V	380 V
Current		24 A	25 A	25 A	21 A
Torque		0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3			
		Type / Cat. No.		Standard Pack	
Terminal Block		CTL2.5U		50	
End Plate		EPCTL2.5U		50	
Mounting Rail (Refer Pg. 154 for details)		CA701		50 m	
		CA701-15		50 m	
		CA501		50 m	
End Clamp (Refer Pg. 155 for details)		CA702		50	
		CA802		50	
		CA202		50	
Pre Assembled Shorting Links		CA722/2		Imax.: 24 A 100	
2 pole		CA722/3		24 A 100	
3 pole		CA722/4		24 A 100	
4 pole		CA722/10		24 A 10	
10 pole		CA722/100		24 A 10	
Permanent Shorting Links		CA703/1		Imax.: 24 A 100	
2 pole		CA704/1		24 A 100	
3 pole		CA705/1		24 A 100	
4 pole		CA732/10		24 A 100	
10 pole		CA732/10-A		24 A 100	
10 pole (Breakable)		CA732/100		24 A 10	
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100	
Insulated External Shorting Links		CA715/2		Imax.: 24 A 100	
2 pole		CA715/3		24 A 100	
3 pole		CA715/4		24 A 100	
4 pole		CA715/10		24 A 20	
10 pole		CA707/TS/01		100	
Test Socket		CA509/K2		100	
Marking Tags (Refer Pg. 157 for details)		SCS0.5/3		Blade size: 0.5 x 3 mm 10	
Screw Driver					

CTL2.5UH



6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

9 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC 60079-7

500 V	300 V	300 V	380 V
24 A	25 A	25 A	21 A

0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm

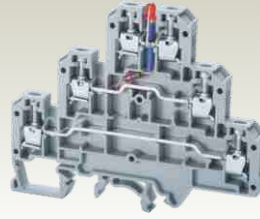


Polyamide 66 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CTL2.5UH	50
EPCTL2.5UH	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA202	50
CA722/2	$I_{max.}: 24 A$ 100
CA722/3	24 A 100
CA722/4	24 A 100
CA722/10	24 A 10
CA722/100	24 A 10
CA703/1	$I_{max.}: 24 A$ 100
CA704/1	24 A 100
CA705/1	24 A 100
CA732/10	24 A 100
CA732/10-A	24 A 100
CA732/100	24 A 10
CA707/S/Q/01	100
CA715/2	$I_{max.}: 24 A$ 100
CA715/3	24 A 100
CA715/4	24 A 100
CA715/10	24 A 20
CA707/TS/01	100
CA509/K2	100
SCS0.5/3	Blade size: 0.5 x 3 mm 10

CTL2.5UL



6 x 84 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

9 mm

IEC60947-7-1 UL-1059 CSA22.2-158

500 V	300 V	300 V
24 A	25 A	25 A

0.4 Nm	4.5 lb-in	4.5 lb-in



Polyamide 66 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CTL2.5UL*	50
EPCTL2.5U	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA202	50
CA722/2	$I_{max.}: 24 A$ 100
CA722/3	24 A 100
CA722/4	24 A 100
CA722/10	24 A 10
CA722/100	24 A 10
CA703/1	$I_{max.}: 24 A$ 100
CA704/1	24 A 100
CA705/1	24 A 100
CA732/10	24 A 100
CA732/10-A	24 A 100
CA732/100	24 A 10
CA707/S/Q/01	100
CA715/2	$I_{max.}: 24 A$ 100
CA715/3	24 A 100
CA715/4	24 A 100
CA715/10	24 A 20
CA707/TS/01	100
CA509/K2	100
SCS0.5/3	Blade size: 0.5 x 3 mm 10

CTL2.5UHL



6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

9 mm

IEC60947-7-1 UL-1059 CSA22.2-158

500 V	300 V	300 V
24 A	25 A	25 A

0.4 Nm	4.5 lb-in	4.5 lb-in



Polyamide 66 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CTL2.5UHL*	50
EPCTL2.5UH	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA202	50
CA722/2	$I_{max.}: 24 A$ 100
CA722/3	24 A 100
CA722/4	24 A 100
CA722/10	24 A 10
CA722/100	24 A 10
CA703/1	$I_{max.}: 24 A$ 100
CA704/1	24 A 100
CA705/1	24 A 100
CA732/10	24 A 100
CA732/10-A	24 A 100
CA732/100	24 A 10
CA707/S/Q/01	100
CA715/2	$I_{max.}: 24 A$ 100
CA715/3	24 A 100
CA715/4	24 A 100
CA715/10	24 A 20
CA707/TS/01	100
CA509/K2	100
SCS0.5/3	Blade size: 0.5 x 3 mm 10

* Standard voltage for "LED Indication" is 12 V D.C. Other variations in voltage is available on request. Add required voltage to Type / Cat. No. as suffix e.g. CTL2.5UL24 for 24V D.C.