

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.

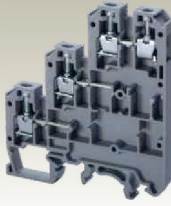
CTL2.5U(I.S) Terminal Block is an internally shorted Terminal Block which can be used for distribution applications.

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

The terminals with  approval can be used in potentially explosive atmosphere.
For detailed information refer page 157.

Width (Thickness) x Length		6 x 84 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 x 15 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	0.25 - 2.5 mm ²		22 - 12 AWG	
	Solid	0.25 - 4.0 mm ²		22 - 10 AWG	
	with Ferrule / Lug	0.25 - 2.5 mm ²		22 - 12 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.25 - 1.5 mm ²		22 - 14 AWG	
	with TWIN Ferrule / Lug	0.25 - 1.5 mm ²		22 - 14 AWG	
Wire Stripping Length		9 mm			
Ratings As Per		IEC60947-7-1	IEC 60079-7	UL-1059	CSA22.2-158
Voltage		500 V	320 V	300 V	300 V
Current		24 A	21 A	25 A	25 A
Torque		0.4 Nm	0.4 Nm	4.5 lb-in	4.5 lb-in
Approvals		    			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3			
Terminal Block		Type / Cat. No.		Standard Pack	
End Plate		CTL2.5U		50	
Mounting Rail (Refer Pg. 136 for details)		EPCTL2.5U		50	
End Clamp (Refer Pg. 137 for details)		CA701		50 m	
Pre Assembled Shorting Links		CA701-15		50 m	
Permanent Shorting Links		CA501		50 m	
Short Sleeve & Screw for Permanent Shorting Links		CA702		50	
Insulated External Shorting Links		CA802		50	
Test Socket		CA202		50	
Marking Tags (Refer Pg. 139 for details)		CA722/2	I _{max} : 24 A	100	
Screw Driver		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	

CTL2.5UH



6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 1.5 mm ²	22 - 14 AWG
0.25 - 1.5 mm ²	22 - 14 AWG

9 mm

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

500 V	320 V	300 V	300 V
24 A	21 A	25 A	25 A
0.4 Nm	0.4 Nm	4.5 lb-in	4.5 lb-in

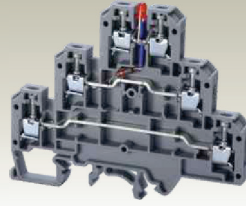


Polyamide 66 / 1

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	Imax.: 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	Imax.: 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	Imax.: 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


+ve ○ ○
-ve ○ ○
○ ○

6 x 84 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 1.5 mm ²	22 - 14 AWG
0.25 - 1.5 mm ²	22 - 14 AWG

9 mm

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

500 V	320 V	300 V	300 V
24 A	21 A	25 A	25 A
0.4 Nm	0.4 Nm	4.5 lb-in	4.5 lb-in

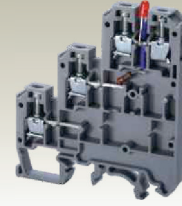


Polyamide 66 / 1

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	Imax.: 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	Imax.: 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	Imax.: 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


+ve ○ ○
-ve ○ ○
○ ○

6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 1.5 mm ²	22 - 14 AWG
0.25 - 1.5 mm ²	22 - 14 AWG

9 mm

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

500 V	320 V	300 V	300 V
24 A	21 A	25 A	25 A
0.4 Nm	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	Imax.: 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	Imax.: 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	Imax.: 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.

TRIPLE LEVEL TERMINAL BLOCKS

Width (Thickness) x Length

Height with DIN 35 x 7.5 / 35 x 15 / 32 x 15 mm Rail

Connection Possibility as per

With 1 Conductor per clamp	Stranded / Flexible
	Solid
	with Ferrule / Lug
With 2 same size Conductors per clamp	Stranded / Flexible
	with TWIN Ferrule / Lug

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Comparative Tracking Index

Rated Impulse Voltage / Pollution Degree

Terminal Block

End Plate

Mounting Rail (Refer Pg. 136 for details)

End Clamp (Refer Pg. 137 for details)

Pre Assembled
Shorting Links *

2 pole
3 pole
4 pole
10 pole
100 pole

Permanent
Shorting Links *

2 pole
3 pole
4 pole
10 pole
10 pole (Breakable)
100 pole

Short Sleeve & Screw for
Permanent Shorting Links

Insulated External
Shorting Links

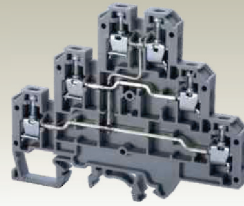
2 pole
3 pole
4 pole
10 pole

Test Socket

Marking Tags (Refer Pg. 139 for details)

Screw Driver

CTL2.5U(I.S)



6 x 84 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC

UL - CSA

0.25 - 2.5 mm²

22 - 12 AWG

0.25 - 4.0 mm²

22 - 10 AWG

0.25 - 2.5 mm²

22 - 12 AWG

0.25 - 1.5 mm²

22 - 14 AWG

0.25 - 1.5 mm²

22 - 14 AWG

9 mm

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

500 V

320 V

150 V

150 V

24 A

21 A

25 A

25 A

0.4 Nm

0.4 Nm

4.5 lb-in

4.5 lb-in



Polyamide 66 / 1

4 KV / 3

Type / Cat. No.

Standard Pack

CTL2.5U(I.S)

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

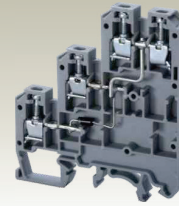
100

SCS0.5/3

Blade size: 0.5 x 3 mm

10

CTL2.5UH(I.S)D2



6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC

UL - CSA

0.25 - 2.5 mm²

22 - 12 AWG

0.25 - 4.0 mm²

22 - 10 AWG

0.25 - 2.5 mm²

22 - 12 AWG

0.25 - 1.5 mm²

22 - 14 AWG

0.25 - 1.5 mm²

22 - 14 AWG

9 mm

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

500 V

320 V

150 V

150 V

24 A

21 A

25 A

25 A

0.4 Nm

0.4 Nm

4.5 lb-in

4.5 lb-in



Polyamide 66 / 1

4 KV / 3

Type / Cat. No.

Standard Pack

CTL2.5UH(I.S)D2

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

* Shorting links cannot be used in the top level of the Terminal Block.

¹ UL approval expected in July 2011