

## INDICATOR/ DIODE CIRCUITS

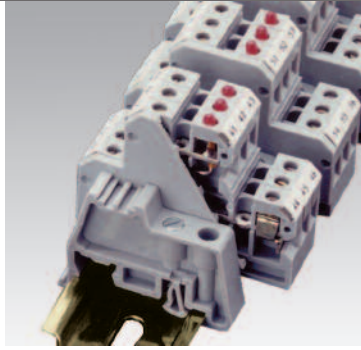
### 35 or 32mm DIN Rail

Altech offers different types of terminals incorporating electronic components for signal converting, circuit protection and status indication. Based on customer requirements, specially assembled terminals are offered.

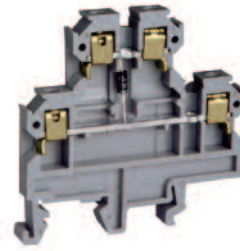
CDL4U(O) - Double level terminal with open lower current bar to accommodate electronic components like diodes, resistors, LEDs, etc.

#### Diode Specifications

Diode	1N 4007
Diode Reverse Voltage	1000 V
Diode Current	1 A

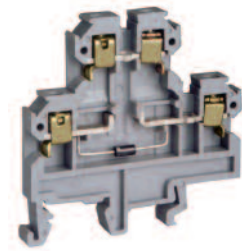


#### CDL4U(E)D1/D2



With arc suppression circuit for contactors and solenoid valves - DC

#### CDL4U(E)D3



Diode circuit for reverse polarity protection

Terminal Width	6 mm			6 mm		
Height x Length	54 x 55.5 mm			54 x 55.5 mm		
Terminal Voltage	300 V~			300 V~		
Stripping Length	9 mm			9 mm		
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	600 V	400 V	600 V	600 V	400 V	600 V
Current Rating	25 A	32 A	35 A	25 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(E)D1 CDL4U(E)D2	100 100	CDL4U(E)D3	100
End Plate	EPCDL4U	50	EPCDL4U	50
DIN Rail for ordering information refer to page 62				
End Stop for ordering information refer to page 63	CA702 CA802	50 50	CA702 CA802	50 50
Internal Jumper	CA727/2 CA727/3 CA727/4 CA727/10	10 10 10 10	CA727/2 CA727/3 CA727/4 CA727/10	10 10 10 10
Current Bars	CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100	100 100 100 100 100 10	CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100	100 100 100 100 100 10
Shorting Sleeve & Screw	CA607/S/Q	100	CA607/S/Q	100
Marking Tags (MT Type)	MT2	100	MT2	100



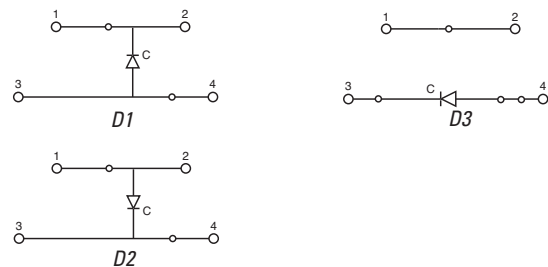
### COLOR BLOCKS

(other than grey standard)

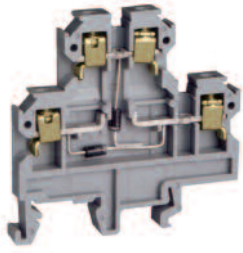
When ordering please add color suffix to Cat. No.

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	

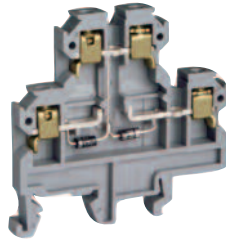


## CDL4U(E)DD1/DD2



Diode circuit for lamp testing

## CDL4U(E)DD3/DD4



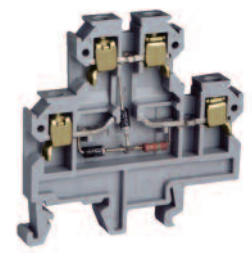
Diode circuit for lamp testing

## CDL4U(E)D4



Diode circuit for lamp testing with LED series resistance

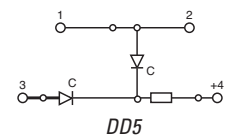
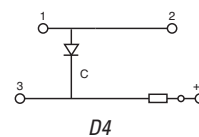
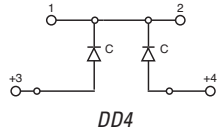
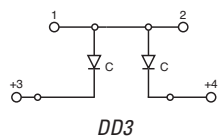
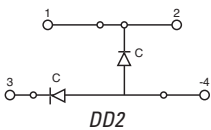
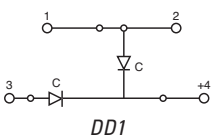
## CDL4U(E)DD5

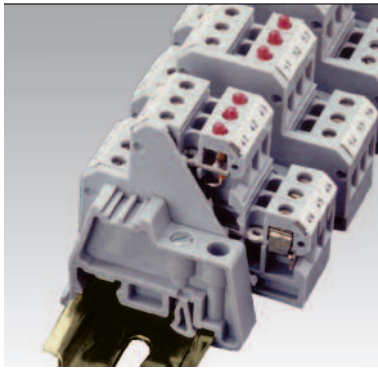


Diode circuit for lamp testing with LED series resistance

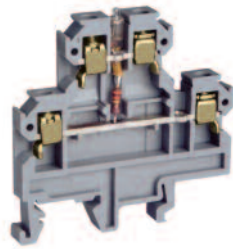
CDL4U(E)DD1/DD2			CDL4U(E)DD3/DD4			CDL4U(E)D4			CDL4U(E)DD5		
6 mm			6 mm			6 mm			6 mm		
54 x 55.5 mm			54 x 55.5 mm			54 x 55.5 mm			54 x 55.5 mm		
300 V~			300 V~			24 V~			24 V~		
9 mm			9 mm			9 mm			9 mm		
22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG
600 V	400 V	600 V	600 V	400 V	600 V	600 V	400 V	600 V	600 V	400 V	600 V
25 A	32 A	35 A	25 A	32 A	35 A	25 A	32 A	35 A	25 A	32 A	35 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	7 lb-in	0.5 Nm	7 lb-in

Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CDL4U(E)DD1	100	CDL4U(E)DD3	100	CDL4U(E)D4	100	CDL4U(E)DD5	100
CDL4U(E)DD2	100	CDL4U(E)DD4	100				
EPCDL4U	50	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
CA702	50	CA702	50	CA702	50	CA702	50
CA802	50	CA802	50	CA802	50	CA802	50
CA727/2	10	CA727/2	10	CA727/2	10	CA727/2	10
CA727/3	10	CA727/3	10	CA727/3	10	CA727/3	10
CA727/4	10	CA727/4	10	CA727/4	10	CA727/4	10
CA727/10	10	CA727/10	10	CA727/10	10	CA727/10	10
CA703/1	100	CA703/1	100	CA703/1	100	CA703/1	100
CA704/1	100	CA704/1	100	CA704/1	100	CA704/1	100
CA705/1	100	CA705/1	100	CA705/1	100	CA705/1	100
CA732/10	100	CA732/10	100	CA732/10	100	CA732/10	100
CA732/10-A	100	CA732/10-A	100	CA732/10-A	100	CA732/10-A	100
CA732/100	10	CA732/100	10	CA732/100	10	CA732/100	10
CA607/S/Q	100	CA607/S/Q	100	CA607/S/Q	100	CA607/S/Q	100
MT2	100	MT2	100	MT2	100	MT2	100



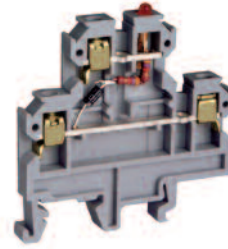


**CDL4U(E)N1**



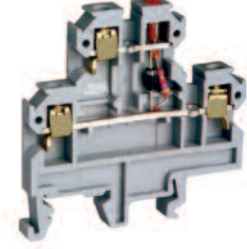
AC voltage indicator with neon lamp

**CDL4U(E)LD5\***



AC voltage indicator with LED

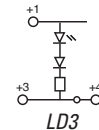
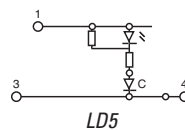
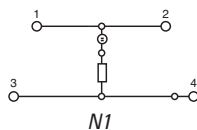
**CDL4U(E)LD3\***



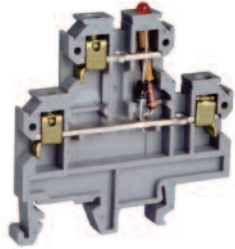
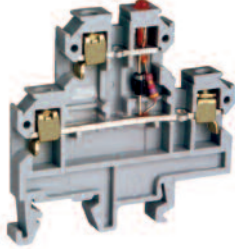
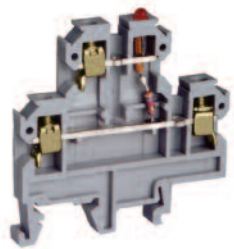
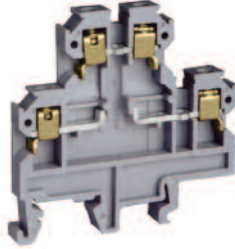












AC/ DC voltage indicator with LED





Terminal Width	6 mm			6 mm			6 mm		
Height x Length	54 x 55.5 mm			54 x 55.5 mm			54 x 55.5 mm		
Terminal Voltage	100 V~ to 220 V			24 V~, 48 V~, 120V~, 220V~			12 V~, 24 V~		
Stripping Length	9 mm			9 mm			9 mm		
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	22-10 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	600 V	400 V	600 V	600 V	400 V	600 V	600 V	400 V	600 V
Current Rating	25 A	32 A	35 A	25 A	32 A	35 A	25 A	32 A	35 A
Torque	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

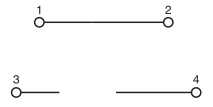
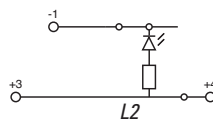
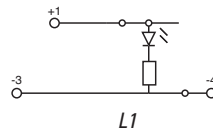
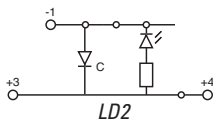
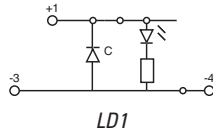
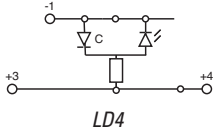
		<b>Cat. No.</b>	<b>Std. Pk.</b>		<b>Cat. No.</b>	<b>Std. Pk.</b>		<b>Cat. No.</b>	<b>Std. Pk.</b>
Terminal Block		CDL4U(E)N1	50		CDL4U(E)LD5* 50	50		CDL4U(E)LD3* 50	50
End Plate		EPCDL4U	50		EPCDL4U	50		EPCDL4U	50
DIN Rail <i>for ordering information refer to page 62</i>									
End Stop <i>for ordering information refer to page 63</i>		CA702	50		CA702	50		CA702	50
		CA802	50		CA802	50		CA802	50
Internal Jumper		2 pole CA727/2	10		2 pole CA727/2	10		2 pole CA727/2	10
		3 pole CA727/3	10		3 pole CA727/3	10		3 pole CA727/3	10
		4 pole CA727/4	10		4 pole CA727/4	10		4 pole CA727/4	10
		10 pole CA727/10	10		10 pole CA727/10	10		10 pole CA727/10	10
Current Bars		2 pole CA703/1	100		2 pole CA703/1	100		2 pole CA703/1	100
		3 pole CA704/1	100		3 pole CA704/1	100		3 pole CA704/1	100
		4 pole CA705/1	100		4 pole CA705/1	100		4 pole CA705/1	100
		10 pole CA732/10	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		10 pole (breakable) CA732/10-A	100
		100 pole CA732/100	10		100 pole CA732/100	10		100 pole CA732/100	10
Shorting Sleeve & Screw		CA607/S/Q	100		CA607/S/Q	100		CA607/S/Q	100
Marking Tags (MT Type)		MT2	100		MT2	100		MT2	100



**\* Add required voltage to part number as a suffix  
i.e. CDL4U(E)LD5/110 is for 110V.**

CDL4U(E)LD4*	CDL4U(E)LD1/LD2	CDL4U(E)L1/L2*	CDL4U(O)
			
AC/DC voltage indicator with LED	DC voltage indicator with LED	DC voltage indicator with LED	Electronic Component Carrier
6 mm	6 mm	6 mm	6 mm
54 x 55.5 mm	54 x 55.5 mm	54 x 55.5 mm	54 x 55.5 mm
24 V~	24 V-	6 V-, 24 V-, 60 V-	-
9 mm	9 mm	9 mm	9 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	22-10 AWG 0.5-4 sq.mm 22-10 AWG
600 V 400 V 600 V	600 V 400 V 600 V	600 V 400 V 600 V	600 V 400 V 600 V
25 A 32 A 35 A	25 A 32 A 35 A	25 A 32 A 35 A	25 A 32 A 35 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	7 lb-in 0.5 Nm 7 lb-in

Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CDL4U(E)LD4*	50	CDL4U(E)LD1 CDL4U(E)LD2	50 50	CDL4U(E)L1* CDL4U(E)L2*	50 50	CDL4U(O)	100
EPCDL4U	50	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
							
CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802	50 50
CA727/2 CA727/3 CA727/4 CA727/10	10 10 10 10	CA727/2 CA727/3 CA727/4 CA727/10	10 10 10 10	CA727/2 CA727/3 CA727/4 CA727/10	10 10 10 10	CA727/2 CA727/3 CA727/4 CA727/10	10 10 10 10
CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100	100 100 100 100 100 10	CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100	100 100 100 100 100 10	CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100	100 100 100 100 100 10	CA703/1 CA704/1 CA705/1 CA732/10 CA732/10-A CA732/100	100 100 100 100 100 10
CA607/S/Q	100	CA607/S/Q	100	CA607/S/Q	100	CA607/S/Q	100
MT2	100	MT2	100	MT2	100	MT2	100



\* Add required voltage to part number as a suffix  
i.e. CDL4U(E)LD5/110 is for 110V.