

INDICATOR/ DIODE CIRCUITS

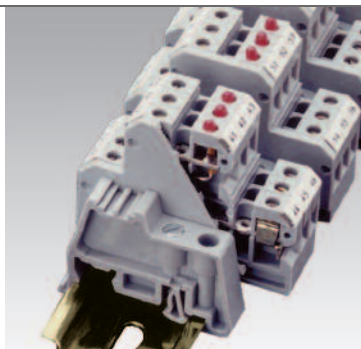
35 or 32mm DIN Rail

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.

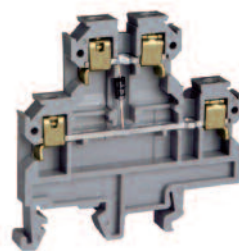
CDL4U(O) - Double level terminal with open lower current bar to accommodate electronic components like diodes, resistors, LEDs, etc.

Diode Specifications

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

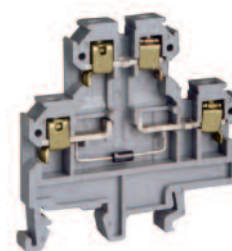


CDL4U(E)D1/D2



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	2 pole 3 pole 4 pole 10 pole	CA727/2 10 CA727/3 10 CA727/4 10 CA727/10 10	2 pole 3 pole 4 pole 10 pole	CA727/2 10 CA727/3 10 CA727/4 10 CA727/10 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	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	CA607/S/Q	100	CA607/S/Q	100
Marking Tags (MT Type)	MT2	100	MT2	100



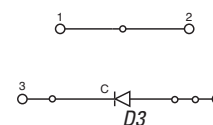
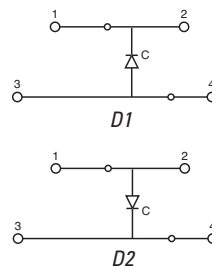
COLOR BLOCKS

(other than grey standard)

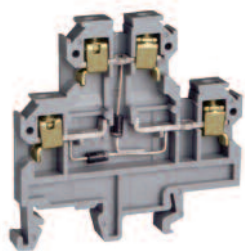
When ordering please add color suffix to Cat. No.

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

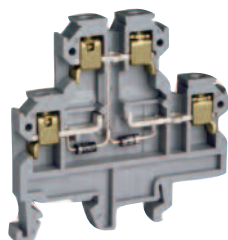


CDL4U(E)DD1/DD2



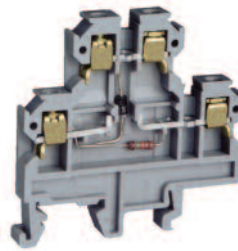
Diode circuit for lamp testing

CDL4U(E)DD3/DD4



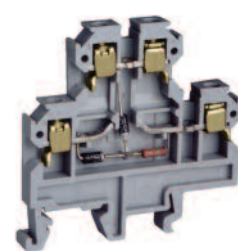
Diode circuit for lamp testing

CDL4U(E)D4



Diode circuit for lamp testing with LED series resistance

CDL4U(E)DD5



Diode circuit for lamp testing with LED series resistance

6 mm

54 x 55.5 mm

300 V~

9 mm



22-10 AWG 0.5-4 sq.mm 22-10 AWG

600 V 400 V 600 V

25 A 32 A 35 A

7 lb-in 0.5 Nm 7 lb-in

6 mm

54 x 55.5 mm

300 V~

9 mm



22-10 AWG 0.5-4 sq.mm 22-10 AWG

600 V 400 V 600 V

25 A 32 A 35 A

7 lb-in 0.5 Nm 7 lb-in

6 mm

54 x 55.5 mm

24 V~

9 mm



22-10 AWG 0.5-4 sq.mm 22-10 AWG

600 V 400 V 600 V

25 A 32 A 35 A

7 lb-in 0.5 Nm 7 lb-in

6 mm

54 x 55.5 mm

24 V~

9 mm



22-10 AWG 0.5-4 sq.mm 22-10 AWG

600 V 400 V 600 V

25 A 32 A 35 A

7 lb-in 0.5 Nm 7 lb-in

Cat. No.

Std. Pk.

CDL4U(E)DD1 100
CDL4U(E)DD2 100

EPCDL4U 50



CA702 50
CA802 50

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

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

CA607/S/Q 100

MT2 100

Cat. No.

Std. Pk.

CDL4U(E)DD3 100
CDL4U(E)DD4 100

EPCDL4U 50



CA702 50
CA802 50

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

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

CA607/S/Q 100

MT2 100

Cat. No.

Std. Pk.

CDL4U(E)D4 100

EPCDL4U 50



CA702 50
CA802 50

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

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

CA607/S/Q 100

MT2 100

Cat. No.

Std. Pk.

CDL4U(E)DD5 100

EPCDL4U 50



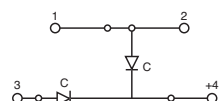
CA702 50
CA802 50

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

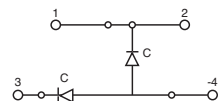
CA703/1 100
CA704/1 100
CA705/1 100
CA732/10 100
CA732/10-A 100
CA732/100 10

CA607/S/Q 100

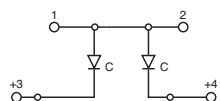
MT2 100



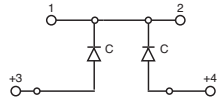
DD1



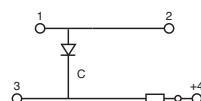
DD2



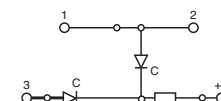
DD3



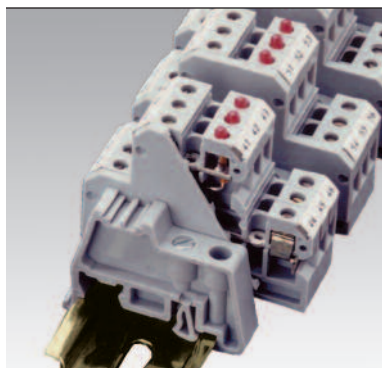
DD4



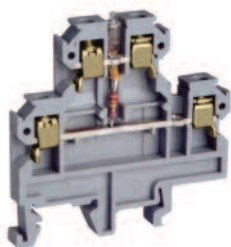
D4



DD5

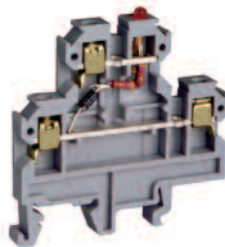


CDL4U(E)N1



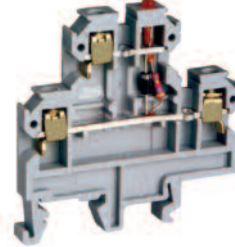
AC voltage indicator with neon lamp

CDL4U(E)LD5*



AC voltage indicator with LED

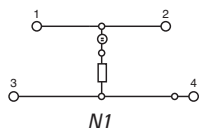
CDL4U(E)LD3*



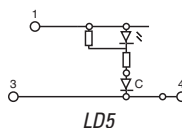
AC/DC voltage indicator with LED

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

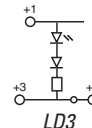
		Cat. No.	Std. Pk.			Cat. No.	Std. Pk.			Cat. No.	Std. Pk.
Terminal Block		CDL4U(E)N1	50			CDL4U(E)LD5*	50			CDL4U(E)LD3*	50
End Plate		EPCDL4U	50			EPCDL4U	50			EPCDL4U	50
DIN Rail for ordering information refer to page 62											
End Stop for ordering information refer to page 63		CA702	50			CA702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



N1

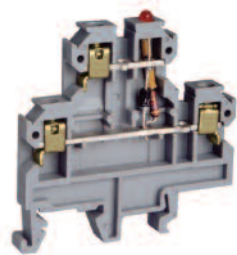
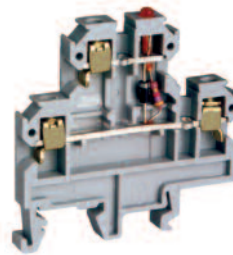
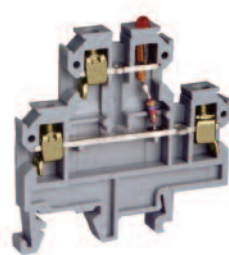
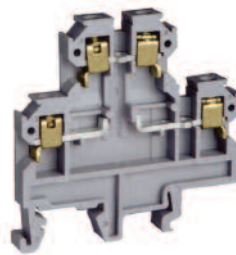
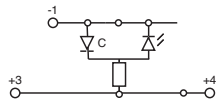
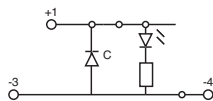
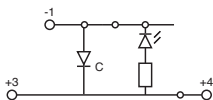
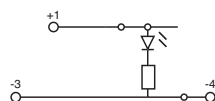
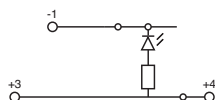
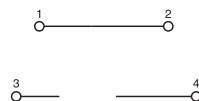


LD5



LD3

* 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 50 CA802 50		CA702 50 CA802 50		CA702 50 CA802 50		CA702 50 CA802 50	
CA727/2 10 CA727/3 10 CA727/4 10 CA727/10 10		CA727/2 10 CA727/3 10 CA727/4 10 CA727/10 10		CA727/2 10 CA727/3 10 CA727/4 10 CA727/10 10		CA727/2 10 CA727/3 10 CA727/4 10 CA727/10 10	
CA703/1 100 CA704/1 100 CA705/1 100 CA732/10 100 CA732/10-A 100 CA732/100 10		CA703/1 100 CA704/1 100 CA705/1 100 CA732/10 100 CA732/10-A 100 CA732/100 10		CA703/1 100 CA704/1 100 CA705/1 100 CA732/10 100 CA732/10-A 100 CA732/100 10		CA703/1 100 CA704/1 100 CA705/1 100 CA732/10 100 CA732/10-A 100 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	
	 	 		* Add required voltage to part number as a suffix i.e. CDL4U(E)LD5/110 is for 110V			
LD4	LD1 LD2	L1 L2					

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