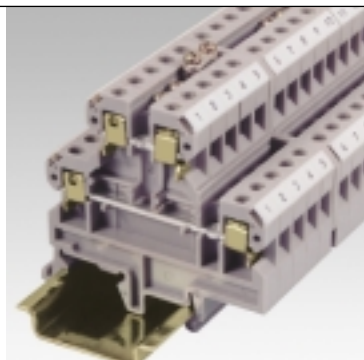


FEED-THROUGH DOUBLE LEVEL 35 or 32mm DIN Rail

Altech double level terminals are the answer to high wiring density problems posed by certain unavoidable wiring arrangements. Double level terminals have the following advantages:

- Double wiring density available without extension of mounting rails.
- Interconnection/shorting can be done at both levels.
- Marking/identification by marking tags possible at both levels.

CDL-4U(I.S) internally shorted double level terminals are useful for distribution applications by using shorting links at lower levels.



	CDL4U			CDL4U(I.S)		
Terminal Width	6 mm			6 mm		
Height x Length	54 x 55.5 mm			54 x 55.5 mm		
Stripping Length	9 mm			9 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6		
Type of Connection	4 screw clamps & 2 tapped holes for cross connection			4 screw clamps & 1 tapped hole for cross connection		
Approvals						
Wire Range	22-12 AWG	0.5-4 sq.mm	22-10 AWG	22-12 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	300 /600V	400 V	300 V	600 V	400 V	600 V
Current Rating	25 A	32 A	35 A	25 A	32 A	35 A
Torque	6 lb-in	0.5 Nm	7 lb-in	6 lb-in	0.5 Nm	7 lb-in
	Cat. No.	Std. Pk.		Cat. No.	Std. Pk.	
Terminal Block	CDL4U	100		CDL4U(I.S)	100	
End Plate	EPCDL4U	50		EPCDL4U	50	
Separator Plate	SPCDL4U	100		SPCDL4U	100	
DIN Rail <i>for ordering information refer to page 57</i>						
End Stop <i>for ordering information refer to page 58</i>			CA702 CA802	50 50	CA702 CA802	50 50
Internal Jumper	2 pole 3 pole 4 pole 10 pole	CA727/2 CA727/3 CA727/4 CA727/10	100 50 50 10	CA727/2 CA727/3 CA727/4 CA727/10	100 50 50 10	
Insulated Internal Jumper	2 pole 3 pole 4 pole 10 pole	CA747/2 CA747/3 CA747/4 CA747/10	100 50 50 10	CA747/2 CA747/3 CA747/4 CA747/10	100 50 50 10	
Current Bars	2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole	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	
External Jumper	2 pole 3 pole 4 pole 10 pole	CA714/2 CA714/3 CA714/4 CA714/10	100 100 100 50	CA714/2 CA714/3 CA714/4 CA714/10	100 100 100 50	
Marking Tags (MT Type)		MT2	100	MT2	100	

DISCONNECT 35 or 32mm DIN Rail

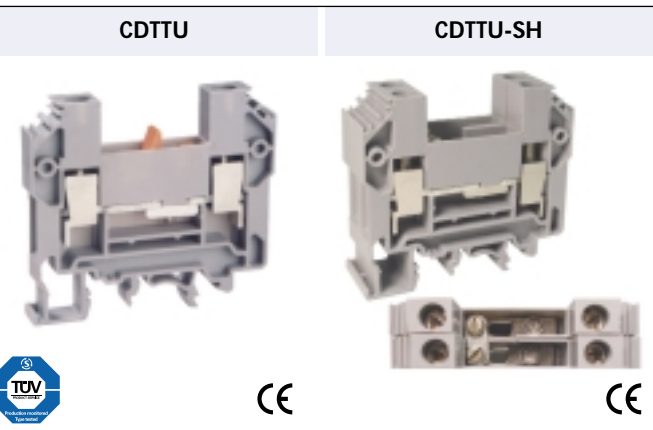
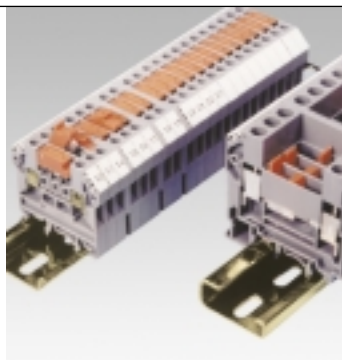
Disconnect and test terminals are an ideal choice for measuring control and regulatory circuits. The terminals provide a clear functional advantage for devices having utility instruments and associated transformers.

Five versions of disconnect and test terminals are available:

- CDTTU - disconnection is achieved by means of a slide link operated with a screw driver.
- CDTTU-SH - disconnect and test terminals are ideal for use in current transformer applications when it is mandatory to keep the secondary side shorted at any point while taking current measurements.
- CKT4U - disconnection is achieved by lifting the knife contact lever.
- CSDL4U - hinged disconnection and testing terminal, incorporates a connecting link in place of the fuse link.
- DDDL4U - double level disconnect terminal with hinged disconnect in upper level.

Specially designed socket head screws act as test/monitoring points in both CDTTU, CDTTU-SH and CKT4U.

Important: The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link/lever.



Terminal Width	8 mm			16 mm	
Height x Length	57 x 63 mm			57 x 63 mm	
Stripping Length	12 mm			12 mm	
Insulation Material	Polyamide 6.6			Polyamide 6.6	
Type of Connection	2 screw clamps			4 screw clamps	
Approvals					
Wire Range	16-8 AWG	1.5-6 sq.mm	16-8 AWG	1.5-6 sq.mm	16-8 AWG
Voltage Rating	600 V	750 V	600 V	300 V	600 V
Current Rating	41 A	41 A	41 A	10 A	10 A
Torque	14 lb-in	1.2 Nm	14 lb-in	1.6 Nm	14 lb-in

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	
Terminal Block	CDTTU	50	CDTTU-SH	50	
End Plate	EPCDTTU	50	EPCDTTU	50	
Isolation Partition					
DIN Rail <i>for ordering information refer to page 57</i>					
End Stop <i>for ordering information refer to page 58</i>	CA702	50	CA702	50	
	CA802	50	CA802	50	
External Jumper <i>for internal jumpers refer to page 60</i>	2 pole	CA710/2	100	CA710/2	100
	3 pole	CA710/3	100	CA710/3	100
	4 pole	CA710/4	100	CA710/4	100
	10 pole	CA710/10	50	CA710/10	50
Marking Tags (MT Type) (MT Type on Lever)	MT8	100	MT8	100	
Continuous 90mm strip	MT9F	10	MT9F	10	

¹ Consult Altech.

FUSE BLOCKS

Certain electrical and control systems require protection by fuses. The terminal has a moving type hinged carrier. CSFL4 which has a specially designed space for cartridge type glass fuse accepts Ø5 x 20 or Ø5 x 25 mm fuses. CAFL4U accepts Ø1/4 x 1-1/4 in. fuses. The fuse can be engaged or disengaged by the movement of the carrier.

Altech fuse terminals are also available with light indication - CSFL4U(L). A specially designed built-in circuit gives light indication in the event of fuse blow out. Thus, fault in a circuit can be easily located.

However, an application of such terminals must take into consideration residual current flow.

DDFL 4U - Double Level Fuse Terminal with fuse link on the top level has a separate feed through terminal at the lower level. This eliminates use of an additional feed through terminal.

In DDFL 4U (E), specially designed built in circuit gives light indication in the event of a fuse blow out at the top level. The terminal provides separate feed through connection possibility at the lower level.

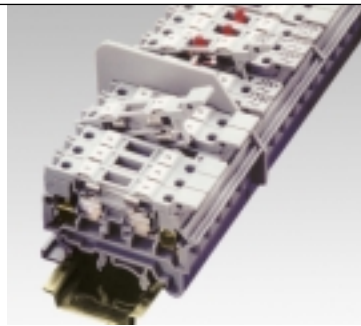
DDFL 4U (LR): This is a modified version of DDFL 4U (E) terminal where in two equipotential connection points are available on both ends of the terminal.





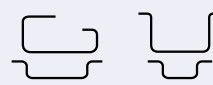
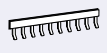

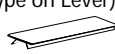
CAFL4U(L) is equipped with a LED for blown fuse indication. CAFL4U(N) is equipped with a neon bulb for same application.

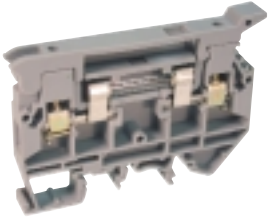
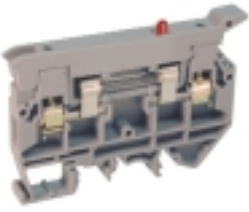


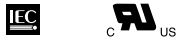
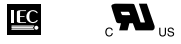


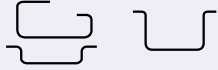
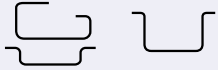
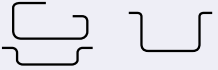
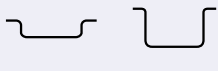
CB1038 accepts Ø10 x 38mm fuse.

Fuses are sold separately by Altech, see page 31 for details.

*Add required voltage to part number as a suffix. i.e. CSFL4U(L)/24 for 24V AC/DC.

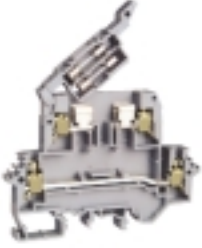
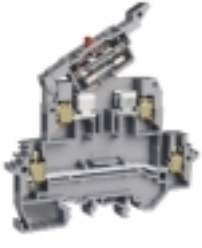





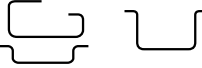
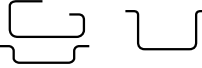











	CSFL4U			CSFL4U(L)*		
Terminal Width	8 mm			8 mm		
Height x Length	43 x 58 mm			43 x 58 mm		
Stripping Length	9.5 mm			9.5 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6		
Type of Connection	2 screw clamps			2 screw clamps		
Fusion Voltage				24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC		
Type of Fuse Used	Ø5x20, Ø5x25 mm			Ø5x20, Ø5x25 mm		
Approvals						
Wire Range	22-12 AWG	0.5-4 sq.mm	22-10 AWG	22-12 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	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 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	CSFL4U	100		CSFL4U(L)*	50	
End Plate 	EPCSFL4U	50		EPCSFL4U	50	
Isolation Partition 	PPCSFL4U	50		PPCSFL4U	50	
DIN Rail <i>for ordering information refer to page 57</i>						
End Stop <i>for ordering information refer to page 58</i> 	CA702	50		CA702	50	
	CA802	50		CA802	50	
External Jumper 	CA711/2	100		CA711/2	100	
	CA711/3	100		CA711/3	100	
	CA711/4	100		CA711/4	100	
	CA711/10	50		CA711/10	50	
Marking Tags (MT Type)  (MT Type on Lever) 	MT8	100		MT8	100	
	MT2	100		MT2	100	
Continuous 90mm strip 	MT9F	10		MT9F	10	

CAFL4U		CAFL4U(L)*		CAFL4U(N)		CB1038		
								
9 mm		9 mm		9 mm		17.5 mm		
50 x 72 mm		50 x 70 mm		50 x 70 mm		77 x 63.5 mm		
12 mm		12 mm		12 mm		11 mm		
Polyamide 6.6		Polyamide 6.6		Polyamide 6.6		Aculon®		
2 screw clamps		2 screw clamps		2 screw clamps		2 screw clamps		
Ø1/4x1 in., Ø1/4x1 1/4 in.		Ø1/4x1 in., Ø1/4x1 1/4 in.		Ø1/4x1 in., Ø1/4x1 1/4 in.		Ø10 x 38 mm		
								
0.5-4 sq.mm 22-10 AWG		0.5-4sq.mm 22-10 AWG		0.5-4sq.mm 22-10 AWG		24-4 AWG 1.5-25sq.mm 24-4 AWG		
600 V 600 V		600 V 600 V		600 V 600 V		600 V 400 V** 600 V		
6.3 A 12 A		6.3A 12A		6.3A 12A		30A 32A** 30A		
0.5 Nm 7 lb-in		0.5 Nm 7 lb-in		0.5 Nm 7 lb-in		31 lb-in 2-2.5 Nm 31 lb-in		
Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	
CAFL4U	25	CAFL4U(L)*	25	CAFL4U(N)	25	CB1038-1	1	
EPCAFL4U	50	EPCAFL4U	50	EPCAFL4U	50	<i>available up to 4 pole</i>		
								
CA702	50	CA702	50	CA702	50	CA702	50	
CA802	50	CA802	50	CA802	50	CA802	50	
CA716/2	100	CA716/2	100	CA716/2	100			
CA716/3	100	CA716/3	100	CA716/3	100			
CA716/4	100	CA716/4	100	CA716/4	100			
CA716/10	50	CA716/10	50	CA716/10	50			
MT9	100	MT9	100	MT9	100			
MT9F	10	MT9F	10	MT9F	10			

* Add required voltage to part number as a suffix. i.e. CAFL4U(L)/24 for 24V AC/DC.

** 25A @ 500 V
10A @ 690V
16A @ 500V for fast blow

	DDFL4U			DDFL4U(E)*			DDFL4U(E)LR*		
									
Terminal Width	8 mm			8 mm			8 mm		
Height x Length	66 x 88 mm			66 x 88 mm			66 x 88 mm		
Stripping Length	9.5 mm			9.5 mm			9.5 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Type of Connection	4 screw clamps			4 screw clamps			4 screw clamps		
Fusion Voltage				24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC			24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC		
Type of Fuse Used	Ø5x20, Ø5x25 mm			Ø5x20, Ø5x25 mm			Ø5x20, Ø5x25 mm		
Approvals									
Wire Range	22-12 AWG	0.5-4 sq.mm	22-10 AWG	22-12 AWG	0.5-4 sq.mm	22-10 AWG	22-12 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V
Current Rating	Top Level			Top Level			Top Level		
	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A
	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	DDFL4U		20	DDFL4U(E)*		20	DDFL4U(E)LR*		20
End Plate 	EPDDFL4U		25	EPDDFL4U		25	EPDDFL4U		25
DIN Rail <i>for ordering information refer to page 57</i>									
End Stop <i>for ordering information refer to page 58</i> 	CA702		50	CA702		50	CA702		50
	CA802		50	CA802		50	CA802		50
Internal Jumper 	2 pole	CA729/2	100	2 pole	CA729/2	100	2 pole	CA729/2	100
	3 pole	CA729/3	50	3 pole	CA729/3	50	3 pole	CA729/3	50
	4 pole	CA729/4	50	4 pole	CA729/4	50	4 pole	CA729/4	50
	10 pole	CA729/10	10	10 pole	CA729/10	10	10 pole	CA729/10	10
Insulated Internal Jumper 	2 pole	CA749/2	100	2 pole	CA749/2	100	2 pole	CA749/2	100
	3 pole	CA749/3	50	3 pole	CA749/3	50	3 pole	CA749/3	50
	4 pole	CA749/4	50	4 pole	CA749/4	50	4 pole	CA749/4	50
	10 pole	CA749/10	10	10 pole	CA749/10	10	10 pole	CA749/10	10
Current Bar 	2 pole	CA703/6	100	2 pole	CA703/6	100	2 pole	CA703/6	100
	3 pole	CA704/6	100	3 pole	CA704/6	100	3 pole	CA704/6	100
	4 pole	CA705/6	100	4 pole	CA705/6	100	4 pole	CA705/6	100
	10 pole	CA737/10	100	10 pole	CA737/10	100	10 pole	CA737/10	100
Shorting Sleeve & Screw 	CA707/S/Q/3		100	CA707/S/Q/3		100	CA707/S/Q/3		100
External Jumper 	2 pole	CA711/2	100	2 pole	CA711/2	100	2 pole	CA711/2	100
	3 pole	CA711/3	100	3 pole	CA711/3	100	3 pole	CA711/3	100
	4 pole	CA711/4	100	4 pole	CA711/4	100	4 pole	CA711/4	100
	10 pole	CA711/10	50	10 pole	CA711/10	50	10 pole	CA711/10	50
Marking Tags (MT Type) 	MT8		100	MT8		100	MT8		100
(MT Type on Lever)	MT2		100	MT2		100	MT2		100
Continuous 90mm strip 	MT9F		10	MT9F		10	MT9F		10

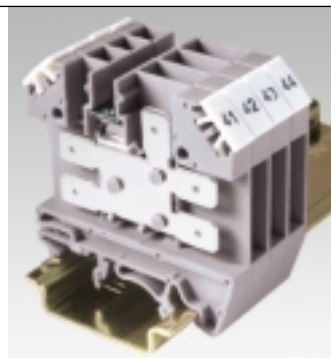
*Add required voltage to part number as a suffix. i.e. CSFL4U(L)/24 for 24V AC/DC.

TAB, TERMI-POINT® TERMINAL BLOCKS

CTC4U Tab Connection terminals offer quick connection possibility. Connection is achieved by pushing the lug onto the tab blade of the terminal block. The terminal housing is so designed that the wall protrudes beyond the tab blades.

The CTS4U-TM single level and the CDL4U-TM double level terminal blocks have a provision for clip connection according to DIN 41611-4. Three wires (0.5 sq. mm) can be connected with a clip onto the pin using a special tool (*contact Altech for information*). These terminal blocks provide high wiring density without extension of the mounting rail.

CTC4U is used primarily in railway systems. The CTS4U-TM and the CDL4U-TM is used mostly in the telecommunications industry.



	CTC4U	CTS4U-TM		CDL4U-TM	
Terminal Width	6 mm	6 mm	6 mm	6 mm	6 mm
Height x Length	49.5 x 47 mm	67 x 43 mm	67 x 43 mm	84 x 55.5 mm	84 x 55.5 mm
Stripping Length	9 mm	9 mm	9 mm	9 mm	9 mm
Insulation Material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Type of Connection	5 tab connection points and 1 tapped hole for cross connection	1 screw connection and 1 blade for 3 (0.5 sq. mm) connections	1 screw connection and 1 blade for 3 (0.5 sq. mm) connections	2 screw connections and 2 blades for 6 (0.5 sq. mm) connections	2 screw connections and 2 blades for 6 (0.5 sq. mm) connections
Approvals					
Rated Cross Section		22-12 AWG	0.5-4 sq.mm 22-12 AWG	0.5-4 sq.mm 22-12 AWG	0.5-4 sq.mm 22-12 AWG
Voltage Rating		300 V	250 V 300 V	250 V 300 V	250 V 300 V
Current Rating		25 A	10 A 10 A	10 A 10 A	10 A 10 A
Tab Blade Size (mm)		6.3 x 0.8	0.8 x 1.6 0.8 x 1.6	0.8 x 1.6 0.8 x 1.6	0.8 x 1.6 0.8 x 1.6

	Cat No.	Std. Pk.	Cat No.	Std. Pk.	Cat No.	Std. Pk.
Terminal Block	CTC4U	100	CTS4U-TM	100	CDL4U-TM	100
End Plate	EPCTC4U	50	EP2.5/4UN	50	EPCDL4U	50
DIN Rail <i>for ordering information refer to page 57</i>						
End Stop <i>for ordering information refer to page 58</i>		CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802
Internal Jumper	2 way 3 way 4 way 10 way		CA722/2 CA722/3 CA722/4 CA722/10	100 50 50 10	CA727/2 CA727/3 CA727/4 CA727/10	10 10 10 10
Insulated Internal Jumper	2 way 3 way 4 way 10 way		CA742/2 CA742/3 CA742/4 CA742/10	100 50 50 10	CA747/2100 CA747/350 CA747/450 CA747/10	 10
Current Bars	2 way 3 way 4 way 10 way 10 pole (breakable) 100 pole	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
Shorting Sleeve & Screw		CA807/S/Q/01	100	CA707/S/Q/01	100	CA607/S/Q
External Jumper	2 pole 3 pole 4 pole 10 pole		CA713/2 CA713/3 CA713/4 CA713/10	100 100 100 50	CA714/2 CA714/3 CA714/4 CA714/10	100 100 100 50
Marking Tags (MT Type)	Continuous 90mm strip	MT6 MT9F	100 10	MT6 MT9F	100 10	MT2

¹ Consult Altech.

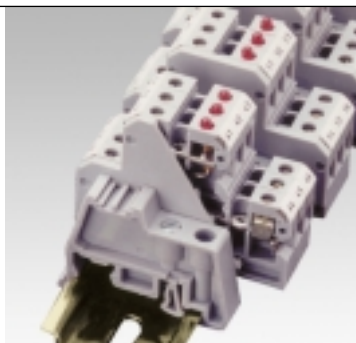
INDICATOR/ DIODE CIRCUITS 35 or 32mm DIN Rail

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



CDL4(E)D1/D2



With arc suppression circuit for contactors and solenoid valves - DC

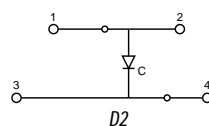
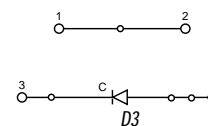
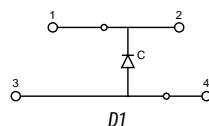
CDL4U(E)D3











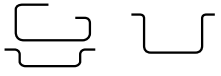
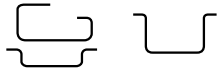
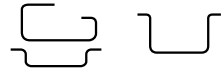
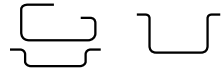
Diode circuit for reverse polarity protection

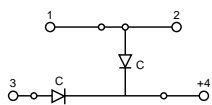
Terminal Width	6 mm			6 mm		
Height x Length	54 x 55.5 mm			54 x 55.5 mm		
Terminal Voltage	300 V~			300 V~		
Stripping Length	9 mm			9 mm		
Approvals						
Wire Range	22-12 AWG	0.5-4 sq.mm	22-10 AWG	22-12 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	600 V	400 V	600 V	600 V	400 V	600 V
Current Rating	25 A	32 A	25 A	25 A	32 A	25 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 57					
End Stop for ordering information refer to page 58		CA702 CA802	50 50	CA702 CA802	50 50
Internal Jumper	 2 pole 3 pole 4 pole 10 pole	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	 2 pole 3 pole 4 pole 10 pole 10 pole (breakable) 100 pole	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

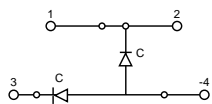


CDL4U(E)DD1/DD2	CDL4U(E)DD3/DD4	CDL4U(E)D4	CDL4U(E)DD5
			
Diode circuit for lamp testing	Diode circuit for lamp testing	Diode circuit for lamp testing with LED series resistance	Diode circuit for lamp testing with LED series resistance
6 mm	6 mm	6 mm	6 mm
54 x 55.5 mm	54 x 55.5 mm	54 x 55.5 mm	54 x 55.5 mm
300 V~	300 V~	24 V~	24 V~
9 mm	9 mm	9 mm	9 mm
			
22-12 AWG 0.5-4 sq.mm 22-10 AWG	22-12 AWG 0.5-4 sq.mm 22-10 AWG	22-12 AWG 0.5-4 sq.mm 22-10 AWG	22-12 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 25 A	25 A 32 A 25 A	25 A 32 A 25 A	25 A 32 A 25 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

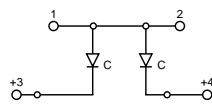
Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CDL4U(E)DD1	100	CDL4U(E)DD3	100	CDL4U(E)D4	100	CDL4U(E)DD5	100
CDL4U(E)DD2	100	CDL4U(E)DD4	100				
EPCDL4U	50	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
							
CA702 50		CA702 50		CA702 50		CA702 50	
CA802 50		CA802 50		CA802 50		CA802 50	
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	



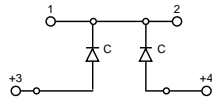
DD1



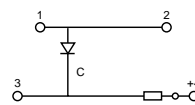
DD2



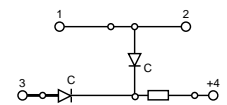
DD3



DD4



D4

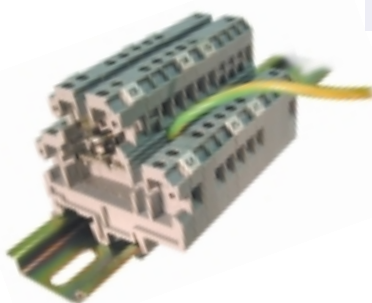


DD5

SURGE SUPPRESSOR TERMINAL BLOCKS

Altech Surge Suppressor Terminal Blocks with built-in electronic components are recommended. In applications where circuit protection against transient overvoltage is required.

These terminals are designed to protect a single line against a longitudinal (line / earth) surge, thereby protecting distribution and inputs.



CDL4U(E)LA




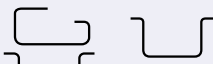
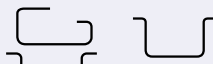


Lightning Arrestor

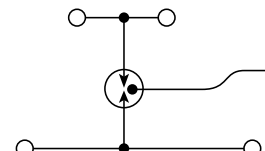
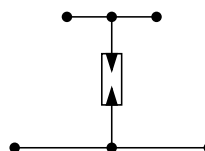
CDL4U(E)3LA



3 Pole Lightning Arrestor

Terminal Width	12 mm	12 mm
Height x Length	54 x 55.5 mm	54 x 55.5 mm
Stripping Length	9 mm	9 mm
Insulation Material	Polyamide 6.6	Polyamide 6.6
Type of Connection	4 screw clamps	4 screw clamps
Ratings		
Wire Range	22-10 AWG	22-10 AWG
Voltage Rating	75, 90, 240, 600, 1000 V DC	90, 250, 350, 450 V DC
Nominal Discharge Current	20 KA (8/20 μ s)	20 KA (8/20 μ s)
Peak Current	-	-
Response Time	100 ns	100 ns
Nominal Current	32A	32A
Capacitance	-	-
Application	For coarse line protection of measuring, distributing or data communication interfaces.	For simultaneous protection of lines against transversal (line/line) and longitudinal (line/earth) surge.

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block	CDL4U(E)LA*	50	CDL4U(E)3LA*	50
End Plate 	EPCDL4U	50	EPCDL4U	50
DIN Rail <i>for ordering information refer to page 57</i>				
End Stop <i>for ordering information refer to page 58</i> 	CA702 CA802	50 50	CA702 CA802	50 50
Marking Tags (MT Type) 	MT2	100	MT2	100



* Add required voltage to part number as a suffix
i.e. CDL4U(E)LA/75 is for 75V.

CDL4U(E)MOV¹



MOV

12 mm

54 x 55.5 mm

9 mm

Polyamide 6.6

4 screw clamps

22-10 AWG

180-850 V DC*

-

250-6500A (8/20 μ s)

-

32A

100-20,000 pf

For protection from voltage surge, spikes

CDL4U(E)SD



Suppressor Diode

12 mm

54 x 55.5 mm

9 mm

Polyamide 6.6

4 screw clamps

22-10 AWG

6-220 V DC

1.5 KA (8/20 μ s)

-

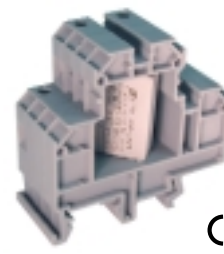
>1 ns

32A

-

For fine protection of data interfaeces, sensors, contacts, etc.

CDL4U(E)RC



RC Circuit

24 mm

54 x 55.5 mm

9 mm

Polyamide 6.6

4 screw clamps

22-10 AWG

250 V AC / 330 V DC

-

-

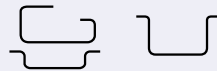
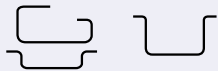
-

10A

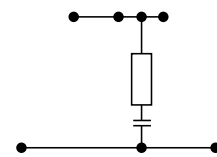
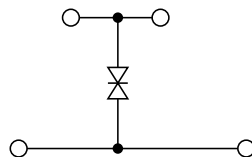
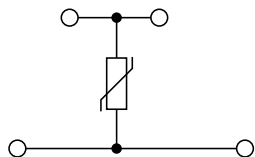
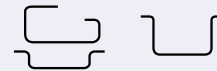
0.22 μ f

For protection of DC solenoid valves and contactors

Cat. No.	Std. Pk.
CDL4U(E)MOV	50
EPCDL4U	50
CA702	50
CA802	50
MT2	100



Cat. No.	Std. Pk.
CDL4U(E)RC	25
EPCDL4U	50
CA702	50
CA802	50
MT2	100



¹ A fuse block is recommended to protect MOV terminals by disconnecting the faulted varistor. See pages 28-30 for fuse blocks.