

for Ø5 × 20/25 mm fuse

for Ø5 × 20/25 mm fuse with indicator

## Safety Fuse Link Terminals

Certain electrical and control systems require fuse protection and the safety fuse terminal, with built-in fuse link offers a neat solution.

The safety fuse terminal has a hinged carrier, moving out as shown and having space for cartridge type glass fuse. The F terminals can take fuse of size Ø5 × 20 or Ø5 × 25 mm, while FA terminals can take fuse of size Ø¼" × 1¼" (6.35 × 31.75mm) required in the North America. The fuse can be engaged or disengaged by the movement of the carrier.

Spare fuse can be placed in the carrier of F4U, FDBL4U and FA4U terminals. Marking and identification by marking tags is possible on both terminal and the fuse carrier.

The safety fuse link terminals, F are also available with LED indication as F4U(L). A specially designed built-in circuit gives indication when fuse blows out, clearly identifying fault in the circuit. The FA4U terminals are also offered with LED or NEON indication as FA4UL and FA4UN respectively.

Application of such terminals must take into consideration residual current flow.




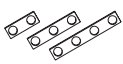
FDBL4U - double level fuse terminals with fuse link on the top level has a separate feed through terminal at lower level. This eliminates use of additional feed through terminals.

In FDBL4UE, a specially designed built-in circuit gives LED indication when a fuse blows out at the top level.

FDBL4U(LR) - This is a modified version of FDBL4UE terminal where in two equipotential connection points are available on both ends of the terminal.

Cross connection at lower level can be achieved with shorting links/sleeves.















		F4U			F4U(L)		
Terminal Pitch		8 mm			8 mm		
Height x Width		43 x 58 mm			43 x 58 mm		
Connection Possibility	Stranded Wire Solid Wire	0.5 to 4 sq.mm 0.5 to 4 sq.mm			0.5 to 4 sq.mm 0.5 to 4 sq.mm		
Stripping Length		9.5 mm			9.5 mm		
Insulation Material		Polyamide 6.6			Polyamide 6.6		
Type of Connection		2 screw clamps equipped with safety connection			2 screw clamps equipped with safety connection		
Fusion Indication					24V AC, 24V DC, 48V AC, 48V DC, 110V AC, 110V DC, 220V AC		
Approvals		 IEC Standard			 IEC Standard		
Rated Cross Section		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	Top Level Bottom Level	6.3 A 25 A	6.3 A 32 A	6.3 A 35 A	6.3 A 25 A	6.3 A 32 A	6.3 A 35 A
Torque		7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in
		<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>
Terminal Station		F4U	100	13.5	F4U(L)	50	14
End Plate		EPF4U	50	2.2	EPF4U	50	2.2
Partition Plate		PPF4U	50	4.1	PPF4U	50	4.1
Mounting Rail		DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700	DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700
End Clamp**		ES3S ES2N	100 50	7.0 7.4	ES3S ES2N	100 50	7.0 7.4
* Pre Assembled Shorting Link	2 way 3 way 4 way 10 way 						
Permanent Shorting Link	2 way 3 way 4 way 10 way 						
Short Sleeve for quick permanent shorting							
Removable Shorting Link							
Long Sleeve for quick Temporary Shorting							
Comb Link	2 way 3 way 4 way 10 way 	CL8/2A CL8/3A CL8/4A CL8/10A	100 100 100 50	1.4 2.1 2.7 6.7	CL8/2A CL8/3A CL8/4A CL8/10A	100 100 100 50	1.4 2.1 2.7 6.7
Marking Tags (K Type on terminal) (K Type on fuse carrier)		KM/8 KM/2	100 100	0.11 0.02	KM/8 KM/2	100 100	0.11 0.02

\* Shorting possibility is in lower level only.

\*\*Other End Clamps, ES1S, ES2S and ES3N can also be used.

**Important:** In all safety fuse link terminals the disconnecting device (moving carrier) is not suitable for interrupting load. The supply must be switched off before operating the moving carrier.

<b>FDBL4U</b> for Ø5 × 20/25 mm fuse			<b>FDBL4UE</b> for Ø5 × 20/25 mm fuse with indicator			<b>FDBL4UE(LR)</b> for Ø5 × 20/25 mm fuse with indicator			<b>FA4U</b> for Ø¼" × 1¼" fuse		
											
8 mm			8 mm			8 mm			9 mm		
66 x 88 mm			66 x 88 mm			66 x 88 mm			50 x 72 mm		
0.5 to 4 sq.mm 0.5 to 6 sq.mm			0.5 to 4 sq.mm 0.5 to 6 sq.mm			0.5 to 4 sq.mm 0.5 to 6 sq.mm			0.5 to 4 sq.mm 0.5 to 6 sq.mm		
9.5 mm			9.5 mm			9.5 mm			9.5 mm		
Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
4 screw clamps equipped with safety connection			4 screw clamps equipped with safety connection			4 screw clamps equipped with safety connection			2 screw clamps equipped with safety connection		
			24V AC, 24V DC, 48V AC, 48V DC, 110V AC, 110V DC, 220V AC			24V AC, 24V DC, 48V AC, 48V DC, 110V AC, 110V DC, 220V AC					
 IEC Standard 			 IEC Standard 			 IEC Standard 			 CSA Standard  IEC Standard 		
22-12 AWG			22-12 AWG			22-12 AWG			24-12 AWG		
0.5- 4 sq.mm			0.5- 4 sq.mm			0.5- 4 sq.mm			0.5-4 sq.mm		
22-10 AWG			22-10 AWG			22-10 AWG			24-12 AWG		
600 V			600 V			600 V			600 V		
6.3 A 25 A			6.3 A 25 A			6.3 A 25 A			6.3 A 25 A		
6.3 A 32 A			6.3 A 32 A			6.3 A 32 A			6.3 A 32 A		
6.3 A 35 A			6.3 A 35 A			6.3 A 25 A			6.3 A 35 A		
7 lb-in			7 lb-in			7 lb-in			7 lb-in		
0.5 Nm			0.5 Nm			0.5 Nm			0.5 Nm		
7 lb-in			7 lb-in			7 lb-in			7 lb-in		
<b>Type Cat No.</b>			<b>Std. Packing in Nos.</b>			<b>Wt Per unit in Grams</b>			<b>Type Cat No.</b>		
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FDBL4U			20			26			FA4U		
EPFDBL4U			25			5.2			EPFA4U		
25			50			3.2			16.5		
16.5			3.2			16.5			3.2		
DIN 32G			50 M			750			DIN 32G		
DIN 35U			50 M			360			DIN 35U		
DIN 35-15D			50 M			700			DIN 35-15D		
ES3S			100			7.0			ES3S		
ES2N			50			7.4			ES2N		
PASL8/2A			10			2.2			PASL8/2A		
PASL8/3A			10			3.2			PASL8/3A		
PASL8/4A			10			3.9			PASL8/4A		
PASL8/10A			10			11.5			PASL8/10A		
PSL08/2A			100			0.5			PSL08/2A		
PSL08/3A			100			0.9			PSL08/3A		
PSL08/4A			100			1.35			PSL08/4A		
PSL08/10A			100			3.25			PSL08/10A		
SS02			100			1.16			SS02		
RSL8A			100			0.51			RSL8A		
SL04			100			1.73			SL04		
CL8/2A			100			1.4			CL09/2		
CL8/3A			100			2.1			CL09/3		
CL8/4A			100			2.7			CL09/4		
CL8/10A			50			6.7			CL09/10		
KM/8			100			0.11			KM/9		
KM/2			100			0.02			100		
0.12			0.12			0.12			0.12		

**Important:** In all safety fuse link terminals the disconnecting device (moving carrier) is not suitable for interrupting load. The supply must be switched off before operating the moving carrier.

- Note :**
1. Across fuse circuit - 6.3 A
  2. Left / Right side - 25 A

\* Cat No. for blown fuse indication with LED - FA4UL (24, 48, 110V AC, 24, 48, 110V DC, 220V AC)  
Cat No. for blown fuse indication with Neon Bulb - FA4UN (110V AC, 110V DC up to 300V AC)

# Safety Fuse Link Terminals

## F6U



Terminal Pitch	8 mm				
Height x Width	60 x 43 mm				
Connection Possibility	Stranded Wire	1.5 to 6 sq.mm			
	Solid Wire	1.5 to 10 sq.mm			
Stripping Length	9.5 mm				
Insulation Material	Polyamide 6.6				
Type of Connection	2 screw clamps equipped with safety connection				
# Fuse Size	5x20 / 5x25 mm				
Fusion Indication					
Approvals	CSA Standard	IEC Standard	UL Standard		
Rated Cross Section	22-8 AWG	1.5 - 6 sq.mm	22-8 AWG		
Voltage Rating	600 V	750 V	600 V		
Current Rating	6.3 A	6.3 A	6.3 A		
Torque	14 lb-in	0.8 Nm	14 lb-in		
	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>		
Terminal Block (Prefix Type Cat. No. before Voltage Rating Fusion indication terminals)	F6U	50	20		
End Plate 	EPF6U	50			
Partition Plate 					
Mounting Rail 	DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700		
End Clamp 	ES2N ES3N	50 50	7.4 7.6		
Insulated Comb Type Shorting Link 	2 way 3 way 4 way 10 way	CL08/2 CL08/3 CL08/4 CL08/10	100 100 100 50	1.4 2.1 2.8 7.0	
Marking Tags 	On Terminal On Fuse carrier	KM/8	100	0.12	
Fuse Current	0.1 A 0.5 A 0.63 A				
# Fuse Size 5 x 20 mm (CSFL4U Series) 1/4" 1 1/4" (CAFL4U Series)	1 A 2 A 3 A 4 A 5 A 6 A 6.3 A				

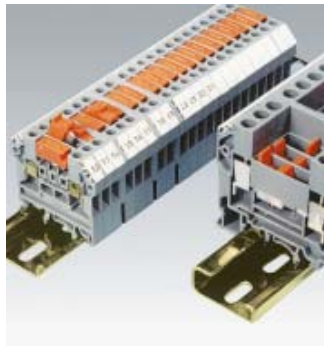
## Disconnect and Test Terminals

For measuring, control and regulatory circuits having utility instruments and associated transformers, the disconnect and test terminals provide clear functional advantage. Three versions are available:

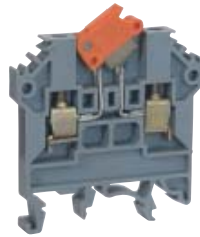
- i) In DISCT6U disconnection is achieved by means of a sliding link operated with screw driver.

- ii) In KN4U disconnection is achieved by lifting hinged lever operating a knife contact.
- iii) In DISCTL4U disconnection is achieved by lifting hinged carrier having a tin plated brass link.

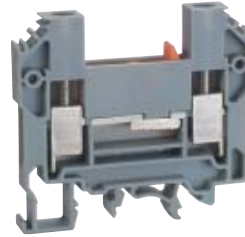
All screw terminals in DISCT6U, KN4U and DISCTL4U have special screw heads which accept test probes.



**KN4U**



**DISCT6U**



**DISCTL4U**



	KN4U			DISCT6U			DISCTL4U			
Terminal Pitch	6 mm			8 mm			8 mm			
Height x Width	46 X 46.3 mm			57 X 63 mm			43 X 58 mm			
Connection Possibility	Stranded Wire Solid Wire			1.5 to 6 sq.mm 1.5 to 10 sq.mm			0.5 to 4 sq.mm 0.5 to 4 sq.mm			
Stripping Length	9 mm			12 mm			9.5 mm			
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			
Type of Connection	2 screw clamps connection			2 screw clamps connection			2 screw clamps equipped with disconnecting brass link			
Approvals										
Rated Cross Section	22-12 AWG	0.5-4 sq.mm	22-10 AWG	16-8 AWG	1.5-6 sq.mm	16-8 AWG	22-12 AWG	0.5-4 sq.mm	22-12 AWG	
Voltage Rating	600 V	750 V	600 V	600 V	750 V	600 V	600 V	750 V	600 V	
Current Rating	16 A	16 A	35 A	41 A	41 A	41 A	6.3 A	6.3 A	6.3 A	
Torque	7 lb-in	0.5 Nm	7 lb-in	14 lb-in	1.2 Nm	14 lb-in	7 lb-in	0.5Nm	7 lb-in	
	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	
Terminal Station	KN4U	50	11	DISCT6U	50	28	DISCTL4U	100	15	
End Plate	EPKN4U	50	2	EPDISCT6U	50	3.9	EPF4U	50	2.2	
Partition Plate							PPF4U	50	4.1	
Mounting Rail	DIN 32G	50 M	750	DIN 32G	50 M	750	DIN 32G	50 M	750	
	DIN 35U	50 M	360	DIN 35U	50 M	360	DIN 35U	50 M	360	
	DIN 35-15D	50 M	700	DIN 35-15D	50 M	700	DIN 35-15D	50 M	700	
End Clamp		ES1S	50	15.3	ES1S	50	15.3	ES1S	50	15.3
		ES2S	50	15.1	ES2S	50	15.1	ES2S	50	15.1
		ES3S	50	7.0	ES3S	50	7.0	ES3S	50	7.0
		ES2N	50	7.4	ES2N	50	7.4	ES2N	50	7.4
		ES3N	50	4.5	ES3N	50	4.5	ES3N	50	4.5
Comb Link		CL6/2A	100	1.1	CL08/2	100	1.4	CL8/2A	100	1.4
	2 way	CL6/3A	100	1.7	CL08/3	100	2.1	CL8/3A	100	2.1
	3 way	CL6/4A	100	2.3	CL08/4	100	2.8	CL8/4A	100	2.7
	4 way	CL6/10A	50	5.6	CL08/10	50	7.0	CL8/10A	50	6.7
	10 way									
Marking Tags (K Type)		KM/6	100	0.11	KM/8	100	0.11	KM/8	100	0.11
(K Type on carrier)								KM/2	100	0.02

**Important:** The above terminals are not suitable for interrupting load. The supply must be switched off before operating the slide link or lifting the lever or moving the hinged carrier.

# Disconnect and Test Terminals

## DISCT6US





## DISCTL6U



## DBLDISCTL4U



Terminal Pitch	16 mm			8 mm			8 mm			
Height x Width	57 x 63 mm			60 x 43 mm			66 x 88 mm			
Connection Possibility	Stranded Wire	1.5 to 6 sq.mm			1.5 to 6 sq.mm			0.5 to 4 sq.mm		
	Solid Wire	1.5 to 10 sq.mm			1.5 to 10 sq.mm			0.5 to 6 sq.mm		
Stripping Length	12 mm			9.5 mm			9.5 mm			
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			
Type of Connection	4 screw clamps connection, internally shorted			2 screw clamps equipped with disconnecting brass link			4 screw clamps and 1 tapped hole for cross connection			
Approvals	CSA Standard	IEC Standard	UL Standard	CSA Standard	IEC Standard	UL Standard	CSA Standard	IEC Standard	UL Standard	
Rated Cross Section	16-8 AWG	1.5-16 sq.mm	16-8 AWG	22-8 AWG	1.5 - 6 sq.mm	22-8 AWG	22-12 AWG	0.5-4 sq.mm	22-12 AWG	
Voltage Rating	300 V	300 V	300 V	600 V	750 V	600 V	300 V	750 V	300 V	
Current Rating	10 A	10 A	10 A	6.3 A	6.3 A	6.3 A	20 A	24 A	20 A	
Torque	14 lb-in	1.2 Nm	14 lb-in	14 lb-in	0.8 Nm	14 lb-in	7 lb-in	0.4 Nm	7 lb-in	
	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams	Type Cat No.	Std. Packing in Nos.	Wt Per unit in Grams	
Terminal Block	DISCT6US	20	52	DISCTL6U	50	22	DBLDISCTL4U	20	26	
End Plate	 EPDISCT6U	50	3.9	EPF6U	50	4	EPFDBL4U	25	5.2	
Partition Plate				PPDISCTL6U	50	5				
Separator Plate										
Mounting Rail		DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700	DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700	DIN 32G DIN 35U DIN 35-15D	50 M 50 M 50 M	750 360 700
End Clamp		ES2N ES3N	50 50	7.4 4.5	ES2N ES3N	50 50	7.4 7.6	ES2N ES3N	50 50	7.4 7.6
Insulated Comb	2 way	CL08/2	100	1.4	CL08/2	100	1.4	CL8/2A	100	1.4
	3 way	CL08/3	100	2.1	CL08/3	100	2.1	CL8/3A	100	2.1
Type Shorting Link	4 way	CL08/4	100	2.8	CL08/4	100	2.8	CL8/4A	100	2.8
	10 way	CL08/10	50	7.0	CL08/10	50	7.0	CL8/10A	50	7.0
Marking Tags	On Terminal	KM/8	100	0.11	KM/8	100	0.12	KM/8	100	0.12
	On carrier							KM/2	100	0.12

For other shorting / interconnecting accessories, refer Double Level Safety Fuse Link terminals

Important: The above terminals are not suitable for interrupting load. The supply must be switched off before operating the slide link or lifting the lever or moving the hinged carrier.