

















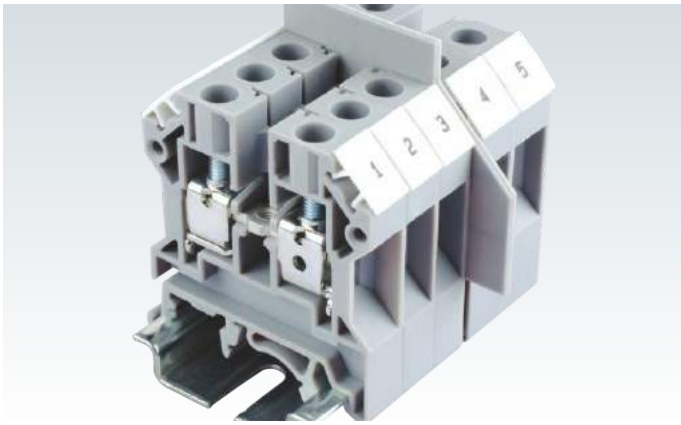
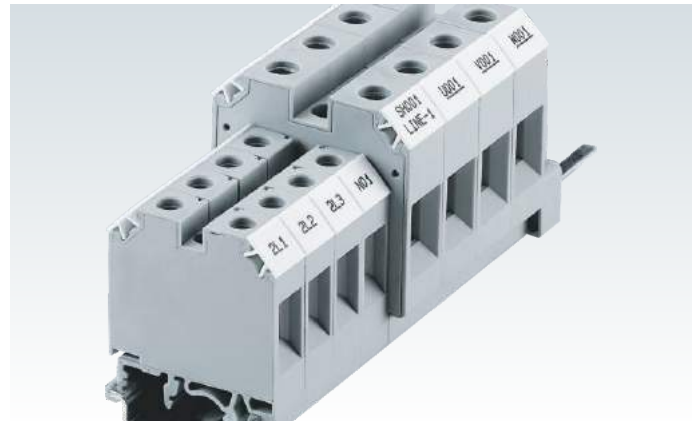


## CTS SERIES SCREW CLAMP TERMINAL BLOCKS

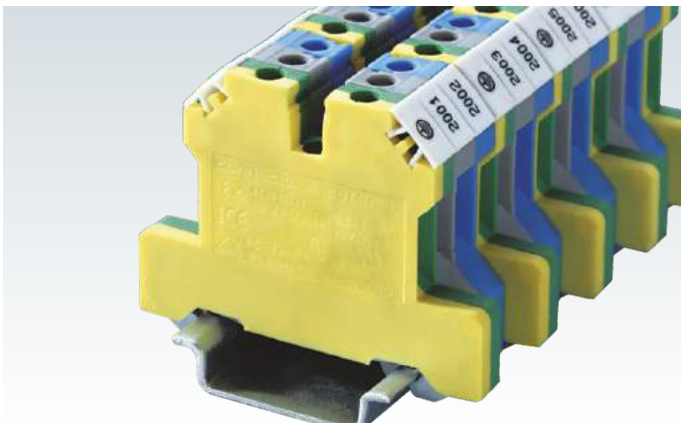
	<b>Standard Feed Through</b>	<b>9 - 14</b>
	<b>Multiple Connection</b>	<b>15 - 16</b>
	<b>Multiple Level</b>	<b>17 - 24</b>
	<b>Ground / Earth</b>	<b>25 - 28</b>
	<b>Neutral / Earth Clamps</b>	<b>29 - 30</b>
	<b>Screw Type Shield Connection Clamps</b>	<b>31</b>
	<b>Spring Type Shield Connection Clamps</b>	<b>32</b>
	<b>Fuse Terminal</b>	<b>33 - 34</b>
	<b>Double Level Fuse</b>	<b>35 - 36</b>
	<b>Disconnect &amp; Test</b>	<b>37 - 48</b>
	<b>Distribution Blocks</b>	<b>48 - 52</b>
	<b>Compact Distribution Blocks</b>	<b>53 - 55</b>
	<b>Component Carrier</b>	<b>56</b>
	<b>High Voltage</b>	<b>57 - 58</b>
	<b>Spring Loaded</b>	<b>59 - 62</b>
	<b>Micro &amp; Panel Mount</b>	<b>63 - 64</b>
	<b>Thermocouple &amp; Tab Connection</b>	<b>65 - 66</b>
	<b>With Electronic Components</b>	<b>67 - 72</b>



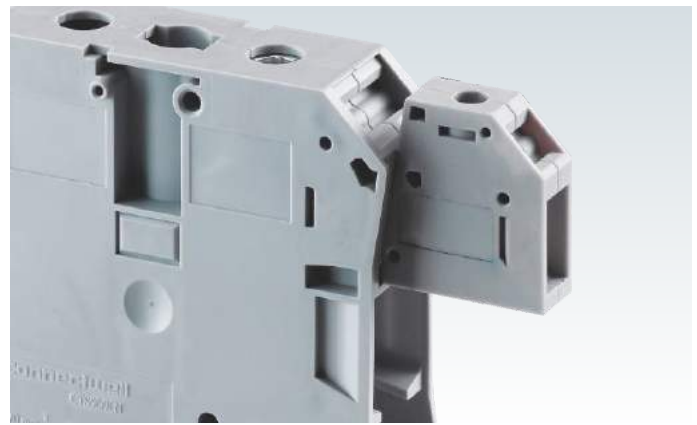
A high torque clamping system on the Screw Clamp Terminal Blocks ensures safe, gas tight connections. Cold forged, rolled threaded screws ensure highly reliable connections.



An end plate forms is integral to all Terminal Blocks for 16 mm<sup>2</sup> wires and above, their by completely closing the Terminal Blocks. This ensures safe isolation for power connections.



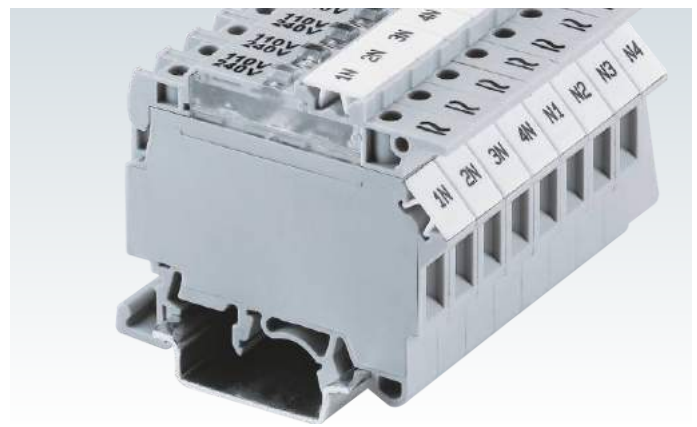
Same profile grounding terminals are clearly identified with a green-yellow housing. Their shape and thickness is identical to the FeedThrough Terminal Blocks.



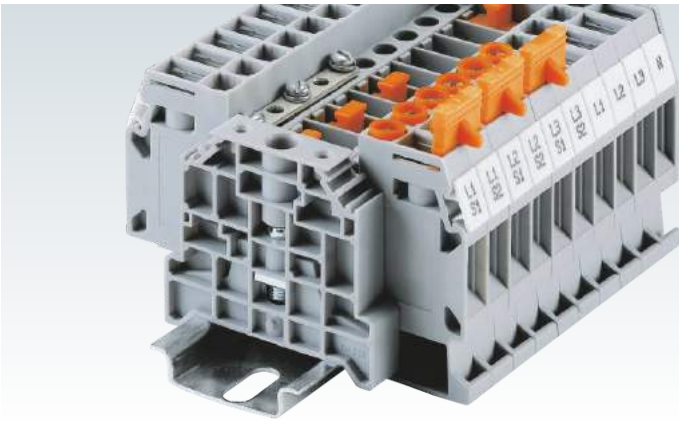
In high current Terminal Blocks, an additional auxillary terminal can be connected. This enables an additional connection of upto 6 mm<sup>2</sup> wires.



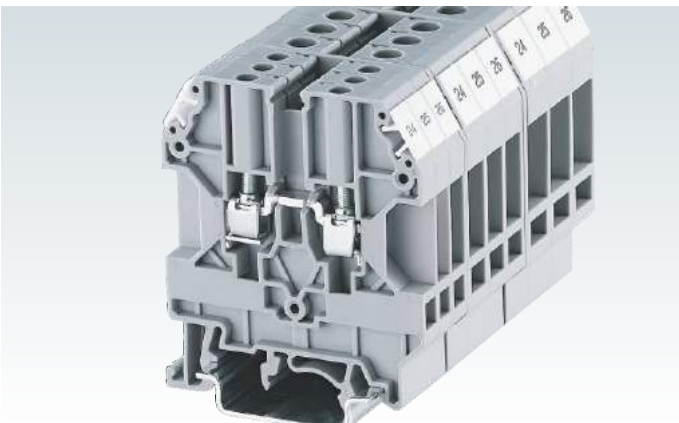
Two level plus ground and Three level plus ground terminals facilitate single & three phase connections. These Terminal Blocks are an ideal choice for space saving applications.



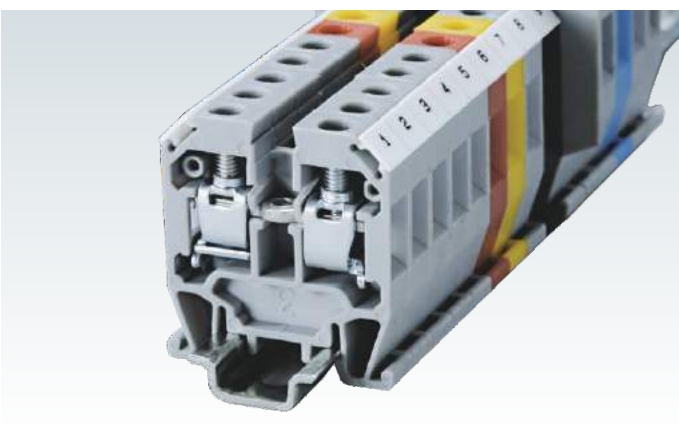
Universal voltage rating of 6 - 60V & 110 - 240V is available on Fuse Terminal Blocks with offline indication. Both AC & DC circuits can be connected without any polarisation requirement.



CDS6U Terminal Block system is a versatile wire connection method for current transformer and power meters. A wide range of accessories eases the testing of connected instruments.




The CHV series High Voltage Terminal Blocks are suitable for upto 1500V DC applications required in the solar industry. The specially designed creepage and clearance distances help achieve the high voltage specifications.



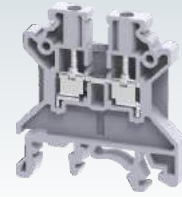
Ideal for applications with limited space, these miniature blocks can be mounted on a special DIN15 rail.








# STANDARD FEED THROUGH TERMINAL BLOCKS


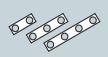





These Feed Through Terminal Blocks are the most versatile terminals for Control, Automation, Instrumentation and Power Distribution applications. A specially designed flexible foot enables easy mounting and dismounting from the DIN rail with the help of a screw driver. These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 243.

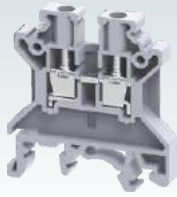
## CTS2.5UN



Width (Thickness) x Length		5 x 43 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.2 mm / 53.7 mm / 51.1 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG		
	Solid	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		
	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG		
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 16 AWG		
	with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG		
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		1000 V	600 V	600 V	690 V
Current		24 A	25 A	25 A	21 A
Torque		0.4 Nm	7 lb-in	7 lb-in	0.4 Nm
Approvals					
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			
		Type / Cat. No.		Standard Pack	
Terminal Block	Grey	CTS2.5UN		100	
	Blue	CTS2.5UNBU		100	
	Red	CTS2.5UNR		100	
	Yellow	CTS2.5UNY		100	
	Black	CTS2.5UNBK		100	
	Green	CTS2.5UNGN		100	
	Orange	CTS2.5UNO		100	
	White	CTS2.5UNW		100	
	Ground / Earth (Refer Pg. 25-26 for Details)		CGT4N		50
End Plate 		EP2.5/4UN		50	
Partition Plate 		PP2.5/4UN		50	
Separator Plate 		SP2.5/4UN		100	
Mounting Rail (Refer Pg. 219 for details) 		CA701-1M / CA701-1M-S		50 m	
		CA701-15-1M / CA701-15-1M-S		25 m	
End Clamp (Refer Pg. 220 for details) 		CA702 / CA802		50	
Marking Tags (Refer Pg. 224 for details) 		CA509/K5WHT		100	
Screw Driver 		SCS0.5/3	Blade size: 0.5 x 3.0 mm	10	

Shorting Links		Uninsulated	Insulated	Imax	Standard Pack
Pre Assembled Shorting Links 	2 pole	CA721/2	CA741/2	24 A	100
	3 pole	CA721/3	CA741/3	24 A	100
	4 pole	CA721/4	CA741/4	24 A	100
	10 pole	CA721/10	CA741/10	24 A	10
	100 pole	CA721/100	CA741/100	24 A	10
Permanent Shorting Links 	2 pole	CA703/01		24 A	100
	3 pole	CA704/01		24 A	100
	4 pole	CA705/01		24 A	100
	10 pole	CA731/10		24 A	100
	100 pole (Breakable)	CA731/100		24 A	10
Short Sleeve & Screw for Permanent Shorting Links 		CA707/S/Q/01		100	
Switchable Shorting Links 		CA706/01		24 A	100
Long Sleeve & Screw for Switchable Shorting Links 		CA707/L/Q/01		100	
Insulated External Shorting Links 	2 pole		CA717/2	24 A	100
	3 pole		CA717/3	24 A	100
	4 pole		CA717/4	24 A	100
	10 pole		CA717/10	24 A	20
Test Socket 		CA707/TS/01		100	

**CTS2.5UE**



6 x 43 mm

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

8 mm

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

1000 V	600 V	600 V	690 V
30 A	30 A	30 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.4 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS2.5UE	100
CTS2.5UEBU	100
CTS2.5UER	100
CTS2.5UEY	100
CTS2.5UEBK	100
CTS2.5UEGN	100
CTS2.5UEO	100
CTS2.5UEW	100
CGT4N	50
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

**CTS4UN**



6 x 43 mm

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

8 mm

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

1000 V	600 V	600 V	690 V
32 A	35 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm

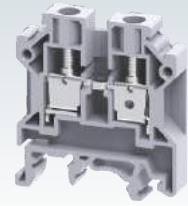


Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS4UN	100
CTS4UNBU	100
CTS4UNR	100
CTS4UNY	100
CTS4UNBK	100
CTS4UNGN	100
CTS4UNO	100
CTS4UNW	100
CGT4N	50
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

**CTS6U**



8 x 43 mm

47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
0.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.5 - 6.0 mm <sup>2</sup>	
0.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG

9 mm

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

1000 V	600 V	600 V	690 V
41 A	50 A	50 A	36 A
0.8 Nm	14 lb-in	14 lb-in	0.8 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS6U	100
CTS6UBU	100
CTS6UR	100
CTS6UY	100
CTS6UBK	100
CTS6UGN	100
CTS6UO	100
CTS6UW	100
CGT6N	50
EP6/10U	50
PP6/10U	50
SP6/10U	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

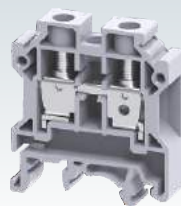
Uninsulated	Insulated	Imax	Standard Pack
CA722/2	CA742/2	32 A	100
CA722/3	CA742/3	32 A	100
CA722/4	CA742/4	32 A	100
CA722/10	CA742/10	32 A	10
CA722/100	CA742/100	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA706/1		32A	100
CA707/L/Q/01			100
	CA713/2	30 A	100
	CA713/3	30 A	100
	CA713/4	30 A	100
	CA713/10	30 A	20
CA707/TS/01			100

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	CA742/2	32 A	100
CA722/3	CA742/3	32 A	100
CA722/4	CA742/4	32 A	100
CA722/10	CA742/10	32 A	10
CA722/100	CA742/100	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA706/1		32A	100
CA707/L/Q/01			100
	CA713/2	30 A	100
	CA713/3	30 A	100
	CA713/4	30 A	100
	CA713/10	30 A	20
CA707/TS/01			100

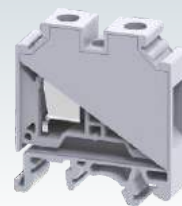
Uninsulated	Insulated	Imax	Standard Pack
CA723/2	CA743/2	41 A	100
CA723/3	CA743/3	41 A	50
CA723/4	CA743/4	41 A	50
CA723/10	CA743/10	41 A	10
CA703/2		41 A	100
CA704/2		41 A	100
CA705/2		41 A	100
CA733/10		41 A	100
CA707/S/Q/1			100
CA706/2		41A	100
CA707/L/Q/1			100
	CA710/2	35 A	100
	CA710/3	35 A	50
	CA710/4	35 A	50
	CA710/10	35 A	20
CA707/TS/05			100

# STANDARD FEED THROUGH TERMINAL BLOCKS

## CTS10U



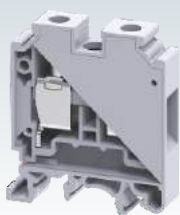
## CTS16U



Width (Thickness) x Length	10 x 43 mm				12 x 43 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	47.8 mm / 55.5 mm / 52.8 mm				47.8 mm / 55.5 mm / 52.8 mm			
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA	
	0.5 - 10.0 mm <sup>2</sup>		16 - 6 AWG		0.2 - 16.0 mm <sup>2</sup>		20 - 4 AWG	
With 1 Conductor per clamp	Stranded / Flexible		16 - 6 AWG		0.2 - 16.0 mm <sup>2</sup>		20 - 4 AWG	
	Solid with Ferrule / Lug		16 - 10 AWG		0.2 - 10.0 mm <sup>2</sup>		20 - 8 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible		16 - 10 AWG		0.2 - 10.0 mm <sup>2</sup>		20 - 8 AWG	
	with TWIN Ferrule / Lug		16 - 10 AWG		0.2 - 10.0 mm <sup>2</sup>		20 - 8 AWG	
Wire Stripping Length	11 mm				12 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage	1000 V	600 V	600 V	690 V	1000 V	600 V	600 V	690 V
Current	57 A	65 A	65 A	50 A	76 A	85 A	70 A	66 A
Torque	1.2 Nm	14 lb-in	14 lb-in	1.2 Nm	1.2 Nm	14 lb-in	14 lb-in	2.0 Nm
Approvals								
Insulation Material / Material Group	Polyamide 6,6 / 1				Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3				8 KV / 3			
	Type / Cat. No.			Standard Pack	Type / Cat. No.			Standard Pack
Terminal Block	Grey	CTS10U		100	CTS16U			50
	Blue	CTS10UBU		100	CTS16UBU			50
	Red	CTS10UR		100	CTS16UR			50
	Yellow	CTS10UY		100	CTS16UY			50
	Black	CTS10UBK		100	CTS16UBK			50
	Green	CTS10UGN		100	CTS16UGN			50
	Orange	CTS10UO		100				
	White	CTS10UW		100				
	Ground / Earth (Refer Pg. 27-28 for Details)	CGT10N		50	CGT16N			50
	End Plate	EP6/10U		50				
Partition Plate	PP6/10U		50					
Separator Plate	SP6/10U		100	SP6/10U			100	
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S		50 m	CA701-1M / CA701-1M-S			50 m	
	CA701-15-1M / CA701-15-1M-S		25 m	CA701-15-1M / CA701-15-1M-S			25 m	
End Clamp (Refer Pg. 220 for details)	CA702 / CA802		50	CA702 / CA802			50	
Marking Tags (Refer Pg. 224 for details)	CA509/K10WHT		100	CA509/K12WHT			100	
Screw Driver	SCS0.8/4	Blade size: 0.8 x 4 mm		10	SCS1.0/5.5	Blade size: 1.0 x 5.5 mm		10

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack	Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links	2 pole	CA724/2	CA744/2	57 A	100	CA751/2	CA761/2	65 A	50
	3 pole	CA724/3	CA744/3	57 A	50	CA751/3	CA761/3	65 A	50
	4 pole	CA724/4	CA744/4	57 A	50	CA751/4	CA761/4	65 A	50
	10 pole	CA724/10	CA744/10	57 A	10	CA751/10	CA761/10	65 A	10
Permanent Shorting Links	2 pole	CA703/3		57 A	100	CA703/8		65 A	100
	3 pole	CA704/3		57 A	100	CA704/8		65 A	100
	4 pole	CA705/3		57 A	100	CA705/8		65 A	100
	10 pole	CA734/10		57 A	100	CA739/10		65 A	100
	Short Sleeve & Screw for Permanent Shorting Links	CA707/S/Q/1			100	CA707/S/Q/1			100
Switchable Shorting Links	CA706/3		57 A	100					
Long Sleeve & Screw for Switchable Shorting Links	CA707/L/Q/1			100					
Insulated External Shorting Links	2 pole		CA718/2	57 A	100				
	3 pole		CA718/3	57 A	50				
	4 pole		CA718/4	57 A	50				
	10 pole		CA718/10	57 A	20				
Test Socket	CA707/TS/05			100	CA707/TS/05	CA719/10	76 A	20	100

**CTS25UN**



12 x 48 mm  
57.2 mm / 64.7 mm / 62.3 mm

IEC	UL - CSA
4.0 - 25.0 mm <sup>2</sup>	14 - 2 AWG
4.0 - 25.0 mm <sup>2</sup>	14 - 2 AWG
4.0 - 16 mm <sup>2</sup>	14 - 4 AWG
4.0 - 10 mm <sup>2</sup>	14 - 6 AWG

14 mm

IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
1000 V	600 V	600 V	690 V
101 A	105 A	85 A	88 A
2.0 Nm	30 lb-in	18 lb-in	2.0 Nm

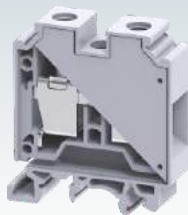


Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS25UN	50
CTS25UNBU	50
CTS25UNNR	50
CTS25UNY	50
CTS25UNBK	50
CTS25UNGN	50

**CTS35UN**

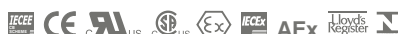


16 x 50.5 mm  
59.2 mm / 66.7 mm / 64.3 mm

IEC	UL - CSA
4.0 - 35.0 mm <sup>2</sup>	12 - 1/0 AWG
4.0 - 35.0 mm <sup>2</sup>	12 - 1/0 AWG
4.0 - 16.0 mm <sup>2</sup>	12 - 4 AWG
4.0 - 16.0 mm <sup>2</sup>	12 - 8 AWG

15 mm

IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
1000 V	600 V	600 V	800 V
125 A	150 A	130 A	109 A
2.5 Nm	30 lb-in	25 lb-in	2.5 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS35UN	50
CTS35UNBU	50
CTS35UNNR	50
CTS35UNY	50
CTS35UNBK	50
CTS35UNGN	50

CGT35U	20
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PP35UN	50
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CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m

CA702 / CA802	50
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CA509/K16WHT	100
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SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10
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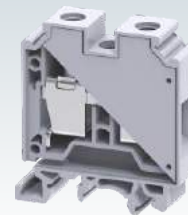
Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA725/2	CA745/2	90 A	50
CA725/3	CA745/3	90 A	20
CA725/4	CA745/4	90 A	20
CA725/10	CA745/10	90 A	10

CA703/4		90 A	100
CA704/4		90 A	100
CA705/4		90 A	100
CA735/10		90 A	100

CA707/S/Q/2	100
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CA707/TS/06	100
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**CTS35UNA**



With Allen screw



16 x 50.5 mm  
59.2 mm / 66.7 mm / 64.3 mm

IEC	UL - CSA
4.0 - 35.0 mm <sup>2</sup>	12 - 2 AWG
4.0 - 35.0 mm <sup>2</sup>	12 - 2 AWG
4.0 - 16.0 mm <sup>2</sup>	12 - 4 AWG
4.0 - 16.0 mm <sup>2</sup>	12 - 8 AWG

15 mm

IEC60947-7-1	UL-1059	CSA22.2-158
1000 V	600 V	600 V
125 A	150 A	130 A
2.5 Nm	30 lb-in	25 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS35UNA	50
CTS35UNABU	50
CTS35UNAR	50
CTS35UNAY	50
CTS35UNABK	50
CTS35UNAGN	50

CGT35U	20
--------	----

PP35UN	50
--------	----

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m

CA702 / CA802	50
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CA509/K16WHT	100
--------------	-----

SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10
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Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA771/2	CA781/2	105 A	50
CA771/3	CA781/3	105 A	20
CA771/4	CA781/4	105 A	20
CA771/10	CA781/10	105 A	10

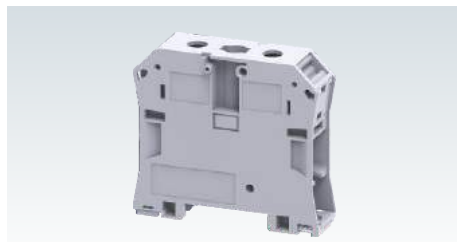
CA703/10		105 A	100
CA704/10		105 A	100
CA705/10		105 A	100
CA770/10		105 A	10

CA707/S/Q/2	100
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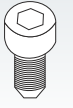
CA707/TS/06	100
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# STANDARD FEED THROUGH TERMINAL BLOCKS

## CTS50/70N



## CTS50/70NA



With Allen screw

Width (Thickness) x Length	20.5 x 77 mm			20.5 x 77 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	71.1 mm / 78.1 mm			71.1 mm / 78.1 mm		
Connection Possibility as per	IEC	UL - CSA		IEC	UL - CSA	
		With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug		10.0 - 70.0 mm <sup>2</sup>	8 - 2/0 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	10.0 - 35.0 mm <sup>2</sup>	8 - 2 AWG	10.0 - 35.0 mm <sup>2</sup>	8 - 2 AWG	8 - 2 AWG
Wire Stripping Length	22 mm			22 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V
Current	192 A	175 A	175 A	192 A	175 A	175 A
Torque	3.0 Nm	38 lb-in	38 lb-in	3.0 Nm	38 lb-in	38 lb-in
Approvals						
Insulation Material / Material Group	Polyamide 6,6 / 1			Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3			8 KV / 3		

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	CTS50/70N	20
	Blue	CTS50/70NBU	20
	Red	CTS50/70NR	20
	Yellow	CTS50/70NY	20
	Black	CTS50/70NBK	20
	Green	CTS50/70NGN	20
Auxiliary / Pick Off Terminal		AUX6	10
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)		CA202 / CA102	50
Marking Tags (Refer Pg. 224 for details)		CA509/K16WHT	100

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	CTS50/70NA	20
	Blue	CTS50/70NABU	20
	Red	CTS50/70NAR	20
	Yellow	CTS50/70NAY	20
	Black	CTS50/70NABK	20
	Green	CTS50/70NAGN	20
Auxiliary / Pick Off Terminal		AUX6	10
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)		CA202 / CA102	50
Marking Tags (Refer Pg. 224 for details)		CA509/K16WHT	100

Shorting Links		Type / Cat. No.	I <sub>max</sub>	Standard Pack	Type / Cat. No.	I <sub>max</sub>	Standard Pack
Shorting Link System		CA628/2	192 A	10	CA628/2	192 A	10
		CA628/3	192 A	10	CA628/3	192 A	10



### CTS95/120N



With Allen screw

27 x 85 mm

83.0 mm / 90.5 mm

IEC	UL - CSA
25.0 - 120.0 mm <sup>2</sup>	2 - 250 kcmil
25.0 - 120.0 mm <sup>2</sup>	2 - 250 kcmil

25.0 - 70 mm<sup>2</sup>      2 - 2/0 AWG

24 mm

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

1000 V	1000 V	1000 V
269 A	240 A	240 A
6.0 Nm	90 lb-in	90 lb-in



Polyamide 6,6 / 1

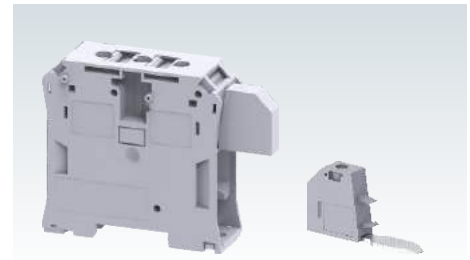
8 KV / 3

Type / Cat. No.	Standard Pack
CTS95/120N	10
CTS95/120NBU	10
CTS95/120NR	10
CTS95/120NY	10
CTS95/120NBK	10
CTS95/120NGN	10
AUX6	10
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA202 / CA102	50
CA509/K16WHT	100

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA629/2	269 A	10
CA629/3	269 A	10

### AUX6 (Auxiliary Terminal Block)

In certain power circuits, there is a need to take an extra connection for an Auxiliary circuit like an indicating light or contactor. The AUX6 terminal easily plugs into the terminal and provides this extra connection point.



8 x 53.6 x 29.4 mm

0.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG

Width (Thickness) x Length x Height

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

Ratings As Per

Voltage	1000 V	600 V	600 V	630 V
Current	41 A	50 A	50 A	36 A
Torque	0.8 Nm	14 lb-in	14 lb-in	0.8 Nm

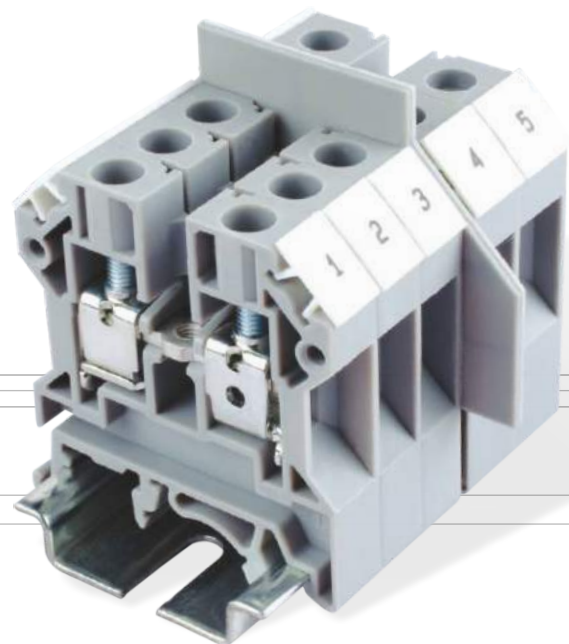
IEC60947-7-1    UL-1059    CSA22.2-158    IEC 60079-7

1000 V	600 V	600 V	630 V
41 A	50 A	50 A	36 A
0.8 Nm	14 lb-in	14 lb-in	0.8 Nm

Type / Cat. No.	Standard Pack	Suitable For
Auxiliary Terminal	AUX6	10
Marking Tag	CA509/K8WHT	100




CTS50/70N  
CTS50/70NA  
CTS95/120N



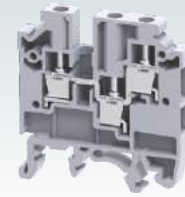
# MULTIPLE CONNECTION TERMINAL BLOCKS








These blocks are used to connect multiple wires in a single Terminal Block, thereby eliminating reliability problems encountered when connecting multiple wires in a single clamp.














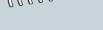



CMCG4 ground terminal enables the connection of grounding wires.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 243.

## CMC1-2

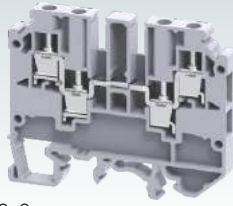


Width (Thickness) x Length	6 x 46.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	49.5 mm / 56.5 mm / 53.3 mm			
Connection Possibility as per	IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
Wire Stripping Length	9 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage	630 V	600 V	600 V	500 V
Current	32 A	35 A	35 A	28 A
Torque	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			
	Type / Cat. No.		Standard Pack	
Terminal Block	Grey	CMC1-2	100	
	Blue	CMC1-2BU	100	
Ground / Earth (Refer Pg. 16 for Details)				
End Plate		EPCMC1-2	50	
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m	
		CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50	
Marking Tags (Refer Pg. 224 for details)		CA509/K6WHT	100	
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links	 2 pole	CA722/2	CA742/2	32 A	100
	 3 pole	CA722/3	CA742/3	32 A	100
	 4 pole	CA722/4	CA742/4	32 A	100
	 10 pole	CA722/10	CA742/10	32 A	10
	 100 pole	CA722/100	CA742/100	32 A	10
Permanent Shorting Links	 2 pole	CA703/1		32 A	100
	 3 pole	CA704/1		32 A	100
	 4 pole	CA705/1		32 A	100
	 10 pole	CA732/10		32 A	100
	 10 pole (Breakable)	CA732/10-A		32 A	100
	 100 pole	CA732/100		32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01			100
Insulated External Shorting Links	 2 pole	CA713/2		30 A	100
	 3 pole	CA713/3		30 A	100
	 4 pole	CA713/4		30 A	100
	 10 pole	CA713/10		30 A	20
Test Socket		CA707/TS/01			100

\* External Shorting links can be used only in the upper level clamping unit of the Terminal Block.

**CMC2-2**



6 x 65 mm

53.4 mm / 60.5 mm / 58.7 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

9 mm

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

630 V	600 V	600 V	690 V
32 A	35 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm



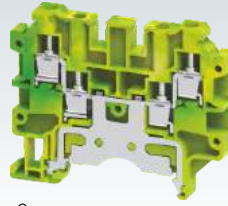
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMC2-2	50
CMC2-2BU	50
CMCG4	50
EPCCMC2-2	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	CA742/2	32 A	100
CA722/3	CA742/3	32 A	100
CA722/4	CA742/4	32 A	100
CA722/10	CA742/10	32 A	10
CA722/100	CA742/100	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA713/2		30 A	100
CA713/3		30 A	100
CA713/4		30 A	100
CA713/10		30 A	20
CA707/TS/01			100

**CMCG4**



6 x 65 mm

53.7 mm / 60.9 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

9 mm

IEC60947-7-2 UL-1059 CSA22.2-158

630 V	600 V	600 V	690 V
32 A	35 A	35 A	28 A
0.5 Nm	4.5 lb-in	4.5 lb-in	0.5 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMCG4	50
EPCKT4U/4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack

# MULTIPLE LEVEL TERMINAL BLOCKS

These Terminal Blocks are ideal for use in applications requiring high density wiring. In the ODL series Terminal Blocks, the top level is offset from the bottom level by half the thickness of the Terminal Block. In ODL2.5A, ODL4UA the terminals can be interlocked.

In the ODL2.5(I.S) & CDL4UN(I.S) Terminal Blocks, both levels are internally shorted.


The ODLG2.5 & CDLG4 Terminal Block have a feed through functions in the top level and grounding function on the bottom level. These grounding points are appropriately identified by the green-yellow imprint. ODLG2.5(I.S) and CDLG4(I.S) are grounding Terminal Blocks with the same profile of ODL2.5 and CDL4UN Terminal Blocks respectively.






Triple level Terminal Blocks are an ideal choice for control systems where sensor and actuator applications are involved. The simplified 3-level connections tremendously increase wiring density in the circuit.

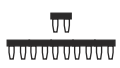
The top level of the CTL2.5UH Terminal Block provides connection points for signal wires while the middle and bottom level are used for positive and negative potentials. In applications where switching indication is required choice of CTL2.5UL & CTL2.5UHL with built in electronic components is available.

Marking tags in blue and red colour besides the conventional white colour are suggested for effective identification. CTL2.5U(I.S) is internally shorted and CTL2.5UH(I.S)D2 is internally shorted with built in Diode for reverse polarity protection..

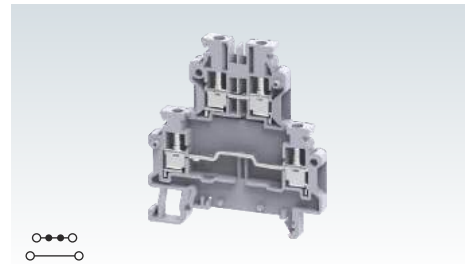
CTLG2.5 is a triple level Terminal Block with an additional connection point for earthing cables.

Width (Thickness) x Length		5 x 62 mm
Height with DIN 35 x 7.5 / 35 x 15		61 mm / 68.5 mm
Connection Possibility as per		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>
	Solid	0.2 - 4.0 mm <sup>2</sup>
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>
	Stranded / Flexible with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>
Wire Stripping Length		8 mm
Ratings As Per		IEC60947-7-1 UL-1059 CSA22.2-158
Voltage		800 V 300 V 300 V
Current		24 A 25 A 25 A
Torque		0.4 Nm 4.5 lb-in 4.5 lb-in
Approvals		
Insulation Material / Material Group		Polyamide 6,6 / 1
Rated Impulse Voltage / Pollution Degree		8 KV / 3


Terminal Block		With Stackable Function
End Plate		Front Side Back Side
Mounting Rail	(Refer Pg. 219 for details)	
End Clamp	(Refer Pg. 220 for details)	
Marking Tags	(Refer Pg. 224 for details)	
Screw Driver		

Shorting Links	
	2 pole
	3 pole
	4 pole
	5 pole
	6 pole
	7 pole
	8 pole
	10 pole

## ODL2.5A



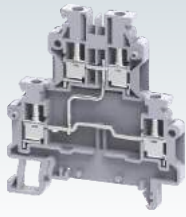
Width (Thickness) x Length		5 x 62 mm
Height with DIN 35 x 7.5 / 35 x 15		61 mm / 68.5 mm
Connection Possibility as per		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>
	Solid	0.2 - 4.0 mm <sup>2</sup>
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>
	Stranded / Flexible with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>
Wire Stripping Length		8 mm
Ratings As Per		IEC60947-7-1 UL-1059 CSA22.2-158
Voltage		800 V 300 V 300 V
Current		24 A 25 A 25 A
Torque		0.4 Nm 4.5 lb-in 4.5 lb-in

Approvals		
Insulation Material / Material Group		Polyamide 6,6 / 1
Rated Impulse Voltage / Pollution Degree		8 KV / 3

Type / Cat. No.	Standard Pack
ODL2.5A	50
ODL2.5	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10

**ODL2.5A(I.S)**



5 x 62 mm

61 mm / 68.5 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG

8 mm

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

800 V	300 V	300 V
24 A	25 A	25 A
0.4 Nm	4.5 lb-in	4.5 lb-in



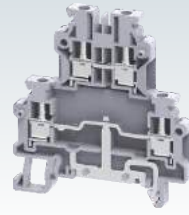
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODL2.5A(I.S)	50
ODL2.5(I.S)	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10

**ODLG2.5A**



5 x 62 mm

61 mm / 68.5 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG

8 mm

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

800 V	300 V	300 V
24 A	25 A	25 A
0.4 Nm	4.5 lb-in	4.5 lb-in



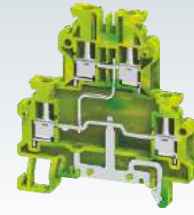
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODLG2.5A	50
ODLG2.5	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10

**ODLG2.5A(I.S)**



5 x 62 mm

61 mm / 68.5 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG

8 mm

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

800 V	300 V	300 V
24 A	25 A	25 A
0.4 Nm	4.5 lb-in	4.5 lb-in



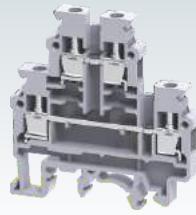
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODLG2.5A(I.S)	50
ODLG2.5(I.S)	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10

**CDL4UN**



**CDL4UN(I.S)**



Width (Thickness) x Length	6 x 57 mm				
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	59.5 mm / 67.2 mm / 64.5 mm				
Connection Possibility as per	IEC	UL - CSA			
	With 1 Conductor per clamp	Stranded / Flexible 0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		
		Solid 0.2 - 6.0 mm <sup>2</sup>			
		with Ferrule / Lug 0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		
With 2 same size Conductors per clamp	Stranded / Flexible	22 - 12 AWG			
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup> 22 - 12 AWG			
Wire Stripping Length	9 mm				
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7	
Voltage	800 V	600 V	600 V	550 V	
	Current	32 A	35 A	35 A	28 A
Torque	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	

Width (Thickness) x Length	6 x 57 mm				
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	59.5 mm / 67.2 mm / 64.5 mm				
Connection Possibility as per	IEC	UL - CSA			
	With 1 Conductor per clamp	Stranded / Flexible 0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		
		Solid 0.2 - 6.0 mm <sup>2</sup>			
		with Ferrule / Lug 0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		
With 2 same size Conductors per clamp	Stranded / Flexible	22 - 12 AWG			
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup> 22 - 12 AWG			
Wire Stripping Length	9 mm				
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7	
Voltage	800 V	600 V	600 V	550 V	
	Current	32 A	35 A	35 A	28 A
Torque	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	

Approvals

Approvals

Insulation Material / Material Group: Polyamide 6,6 / 1  
 Rated Impulse Voltage / Pollution Degree: 8 KV / 3

Insulation Material / Material Group: Polyamide 6,6 / 1  
 Rated Impulse Voltage / Pollution Degree: 8 KV / 3

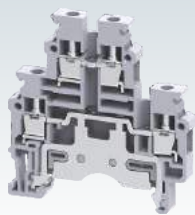
		Type / Cat. No.	Standard Pack	
Terminal Block	Grey	CDL4UN	100	
	Blue	CDL4UNBU	100	
	Red	CDL4UNR	100	
	Yellow	CDL4UNY	100	
	Black	CDL4UNBK	100	
	Green	CDL4UNGN	100	
	Orange	CDL4UNO	100	
	White	CDL4UNW	100	
	Ground / Earth (Refer Pg. 20 for Details)		CDLG4(I.S)	100
	End Plate		EPCDL4UN	50
Separator Plate		SPCDL4U	100	
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m	
		CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 220 for details)		CA702 / CA802 / CA202	50	
Marking Tags (Refer Pg. 224 for details)		CA509/K6WHT	100	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	

		Type / Cat. No.	Standard Pack	
Terminal Block	Grey	CDL4UN(I.S)	100	
	Blue	CDL4UN(I.S)BU	100	
	Red	CDL4UN(I.S)R	100	
	Yellow	CDL4UN(I.S)Y	100	
	Black	CDL4UN(I.S)BK	100	
	Green	CDL4UN(I.S)GN	100	
	Orange	CDL4UN(I.S)O	100	
	White	CDL4UN(I.S)W	100	
	Ground / Earth (Refer Pg. 20 for Details)		CDLG4(I.S)	100
	End Plate		EPCDL4UN	50
Separator Plate		SPCDL4U	100	
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m	
		CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 220 for details)		CA702 / CA802 / CA202	50	
Marking Tags (Refer Pg. 224 for details)		CA509/K6WHT	100	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links		2 pole CA722/2	CA742/2	32 A	100
		3 pole CA722/3	CA742/3	32 A	100
		4 pole CA722/4	CA742/4	32 A	100
		10 pole CA722/10	CA742/10	32 A	10
		100 pole CA722/100	CA742/100	32 A	10
Permanent Shorting Links		2 pole CA703/1		32 A	100
		3 pole CA704/1		32 A	100
		4 pole CA705/1		32 A	100
		10 pole CA732/10		32 A	100
		10 pole (Breakable) CA732/10-A		32 A	100
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01			100
Insulated External Shorting Links		2 pole CA714/2		32 A	100
		3 pole CA714/3		32 A	100
		4 pole CA714/4		32 A	100
		10 pole CA714/10		32 A	20
	Test Socket		CA707/TS/01		

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links		2 pole CA722/2	CA742/2	32 A	100
		3 pole CA722/3	CA742/3	32 A	100
		4 pole CA722/4	CA742/4	32 A	100
		10 pole CA722/10	CA742/10	32 A	10
		100 pole CA722/100	CA742/100	32 A	10
Permanent Shorting Links		2 pole CA703/1		32 A	100
		3 pole CA704/1		32 A	100
		4 pole CA705/1		32 A	100
		10 pole CA732/10		32 A	100
		10 pole (Breakable) CA732/10-A		32 A	100
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01			100
Insulated External Shorting Links		2 pole CA714/2		32 A	100
		3 pole CA714/3		32 A	100
		4 pole CA714/4		32 A	100
		10 pole CA714/10		32 A	20
	Test Socket		CA707/TS/01		

### CDLG4



6 x 57 mm  
59.5 mm / 67.2 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

8 mm

IEC60947-7-2 UL-1059 CSA22.2-158

500 V	150 V	150 V
32 A	32 A	30 A

0.5 Nm	4.5 lb-in	4.5 lb-in



Polyamide 6,6 / 1

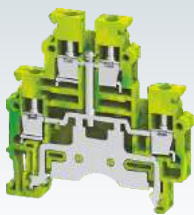
6 KV / 3

Type / Cat. No.	Standard Pack
CDLG4	100

EPCDL4UN	50
SPCDL4U	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA722/2	CA742/2	32 A	100
CA722/3	CA742/3	32 A	100
CA722/4	CA742/4	32 A	100
CA722/10	CA742/10	32 A	10
CA722/100	CA742/100	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA714/2		32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20
CA707/TS/01			100

### CDLG4(I.S)



6 x 57 mm  
59.5 mm / 67.2 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

8 mm

IEC60947-7-2 UL-1059 CSA22.2-158

0.5 Nm	4.5 lb-in	4.5 lb-in



Polyamide 6,6 / 1

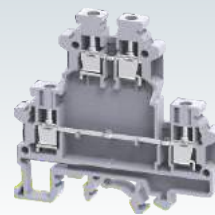
6 KV / 3

Type / Cat. No.	Standard Pack
CDLG4(I.S) (Green-Yellow)	100

EPCDL4UN	50
SPCDL4U	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA722/2	CA742/2	32 A	100
CA722/3	CA742/3	32 A	100
CA722/4	CA742/4	32 A	100
CA722/10	CA742/10	32 A	10
CA722/100	CA742/100	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA714/2		32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20
CA707/TS/01			100

### ODL4U



6 x 68 mm  
65.0 mm / 71.7 mm / 69.2 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

9 mm

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

800 V	600 V	600 V	550 V
32 A	35 A	35 A	28 A

0.5 Nm	7 lb-in	7 lb-in	0.5 Nm



Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
ODL4U	50
ODL4UBU	50
ODL4UA (Gray Stackable)	50

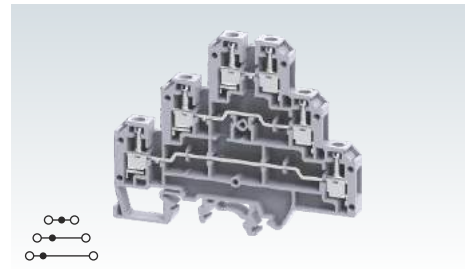
EPODL4U (Front Side)	50
EP1ODL4U (Back Side)	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA727/2	CA747/2	32 A	100
CA727/3	CA747/3	32 A	100
CA727/4	CA747/4	32 A	100
CA727/10	CA747/10	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA607/S/Q			100
CA714/2		32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20
CA707/TS/01			100

**CDLG2.5**



**CTL2.5U**



Width (Thickness) x Length	6 x 71.7 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	52.5 mm / 61.0 mm			
Connection Possibility as per	IEC	UL - CSA		
	With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
		Solid	0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
		with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG	
	with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG	
Wire Stripping Length	9 mm			
Ratings As Per	IEC60947-7-2	UL-1059		
Voltage	500 V	300 V		
	Current	24 A	24 A	
Torque	0.4 Nm	4.5 lb-in		

Width (Thickness) x Length	6 x 84 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 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	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
		Solid	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
		with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG	
	with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG	
Wire Stripping Length	9 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage	500 V	300 V	300 V	380 V
	Current	24 A	25 A	25 A
Torque	0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm

Approvals

Approvals

Insulation Material / Material Group: Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree: 6 KV / 3

Insulation Material / Material Group: Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree: 4 KV / 3

	Type / Cat. No.	Standard Pack	
Terminal Block	CDLG2.5	Grey	100
		Blue	
End Plate	EPCDLG2.5	50	
Separator Plate	SPCDLG2.5	100	
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	
	CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 220 for details)	CA702 / CA802 / CA202	50	
Marking Tags (Refer Pg. 224 for details)	CA509/K2GWHT	100	
Screw Driver	SCS0.5/3 Blade size: 0.5 x 3 mm	10	

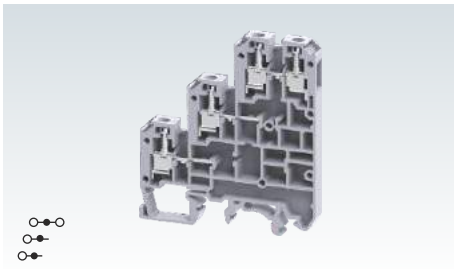
	Type / Cat. No.	Standard Pack	
Terminal Block	CTL2.5U	Grey	50
		Blue	50
End Plate	EPCTL2.5U	50	
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	
	CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 220 for details)	CA702 / CA802 / CA202	50	
Marking Tags (Refer Pg. 224 for details)	CA509/K2GWHT	100	
Screw Driver	SCS0.5/3 Blade size: 0.5 x 3 mm	10	

Shorting Links		Type / Cat. No.	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links	2 pole	CA627/2	24 A	100
	3 pole	CA627/3	24 A	100
	4 pole	CA627/4	24 A	100
	10 pole	CA627/10	24 A	10
	100 pole			
Permanent Shorting Links	2 pole	CA703/1	24 A	100
	3 pole	CA704/1	24 A	100
	4 pole	CA705/1	24 A	100
	10 pole	CA732/10	24 A	100
	10 pole (Breakable)	CA732/10-A	24 A	100
Short Sleeve & Screw for Permanent Shorting Links		CA611/S/Q		100
Insulated External Shorting Links	2 pole	CA715/2	24 A	100
	3 pole	CA715/3	24 A	100
	4 pole	CA715/4	24 A	100
	10 pole	CA715/10	24 A	20
Test Socket		CA707/TS/01		100

Shorting Links		Type / Cat. No.	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links	2 pole	CA722/2	24 A	100
	3 pole	CA722/3	24 A	100
	4 pole	CA722/4	24 A	100
	10 pole	CA722/10	24 A	10
	100 pole	CA722/100	24 A	10
Permanent Shorting Links	2 pole	CA703/1	24 A	100
	3 pole	CA704/1	24 A	100
	4 pole	CA705/1	24 A	100
	10 pole	CA732/10	24 A	100
	10 pole (Breakable)	CA732/10-A	24 A	100
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Insulated External Shorting Links	2 pole	CA715/2	24 A	100
	3 pole	CA715/3	24 A	100
	4 pole	CA715/4	24 A	100
	10 pole	CA715/10	24 A	20
Test Socket		CA707/TS/01		100



**CTL2.5UH**



6 x 61 mm  
68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG

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

500 V	300 V	300 V	380 V
24 A	25 A	25 A	21 A
0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm



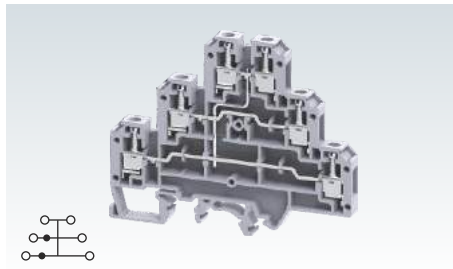
Polyamide 6,6 / 1  
4 KV / 3

Type / Cat. No.	Standard Pack
CTL2.5UH	50
CTL2.5UHBU	50
EPCTL2.5UH	50

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA722/2	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	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	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100

**CTL2.5U(I.S)**



6 x 84 mm  
68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG

9 mm  
IEC60947-7-1 UL-1059 CSA22.2-158

500 V	150 V	150 V
24 A	25 A	25 A
0.4 Nm	4.5 lb-in	4.5 lb-in



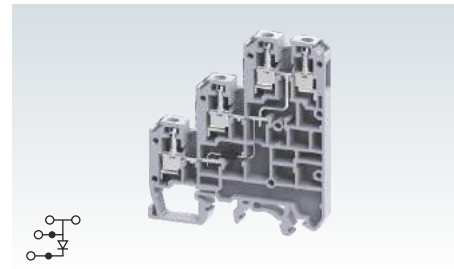
Polyamide 6,6 / 1  
4 KV / 3

Type / Cat. No.	Standard Pack
CTL2.5U(I.S)	50
EPCTL2.5U	50

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA722/2	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	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	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100

**CTL2.5UH(I.S)D2**



6 x 61 mm  
68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG

9 mm  
IEC60947-7-1 UL-1059

500 V	150 V
24 A	25 A
0.4 Nm	4.5 lb-in



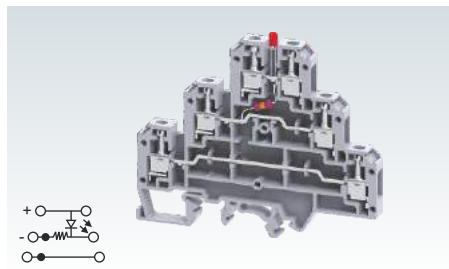
Polyamide 6,6 / 1  
4 KV / 3

Type / Cat. No.	Standard Pack
CTL2.5UH(I.S)D2	50
EPCTL2.5UH	50

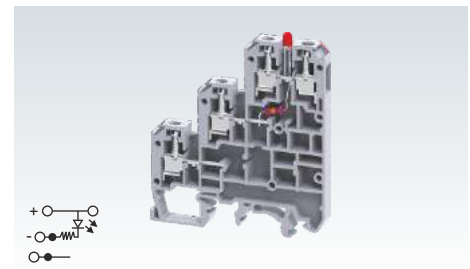
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA722/2	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	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	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100

CTL2.5UL



CTL2.5UHL



Width (Thickness) x Length	6 x 84 mm			6 x 61 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	68.0 mm / 75.6 mm / 73.8 mm			68.0 mm / 75.6 mm / 73.8 mm		
Connection Possibility as per	IEC	UL - CSA		IEC	UL - CSA	
	With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
		Solid	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
		with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG	0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG	22 - 14 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG	0.2 - 1.5 mm <sup>2</sup>	22 - 14 AWG	22 - 14 AWG
Wire Stripping Length	9 mm			9 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	500 V	300 V	300 V	500 V	300 V	300 V
	Current	24 A	25 A	25 A	24 A	25 A
Torque	0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm	4.5 lb-in	4.5 lb-in

Approvals						
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Insulation Material / Material Group	Polyamide 6,6 / 1			Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	4 KV / 3			4 KV / 3		

	Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block	Grey CTL2.5UL*	50	CTL2.5UHL*	50
End Plate	EPCTL2.5U	50	EPCTL2.5UH	50
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)	CA702 / CA802 / CA202	50	CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 224 for details)	CA509/K2WHT	100	CA509/K2WHT	100
Screw Driver	SCS0.5/3 Blade size: 0.5 x 3 mm	10	SCS0.5/3 Blade size: 0.5 x 3 mm	10

	Type / Cat. No.	I <sub>max</sub>	Standard Pack	Type / Cat. No.	I <sub>max</sub>	Standard Pack	
Pre Assembled Shorting Links	2 pole	CA722/2	24 A	100	CA722/2	24 A	100
	3 pole	CA722/3	24 A	100	CA722/3	24 A	100
	4 pole	CA722/4	24 A	100	CA722/4	24 A	100
	10 pole	CA722/10	24 A	10	CA722/10	24 A	10
	100 pole	CA722/100	24 A	10	CA722/100	24 A	10
Permanent Shorting Links	2 pole	CA703/1	24 A	100	CA703/1	24 A	100
	3 pole	CA704/1	24 A	100	CA704/1	24 A	100
	4 pole	CA705/1	24 A	100	CA705/1	24 A	100
	10 pole	CA732/10	24 A	100	CA732/10	24 A	100
	10 pole (Breakable)	CA732/10-A	24 A	100	CA732/10-A	24 A	100
100 pole	CA732/100	24 A	10	CA732/100	24 A	10	
Short Sleeve & Screw for Permanent Shorting Links	CA707/S/Q/01		100	CA707/S/Q/01		100	
Insulated External Shorting Links	2 pole	CA715/2	24 A	100	CA715/2	24 A	100
	3 pole	CA715/3	24 A	100	CA715/3	24 A	100
	4 pole	CA715/4	24 A	100	CA715/4	24 A	100
	10 pole	CA715/10	24 A	20	CA715/10	24 A	20
	Test Socket	CA707/TS/01		100	CA707/TS/01		100

\* 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.

## CTLG2.5



6 x 87.5 mm

66.0 mm / 74.0 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 14 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 14 AWG

9 mm

IEC60947-7-1 UL-1059

440 V	300 V		
24 A	24 A		
0.4 Nm	4.5 lb-in		

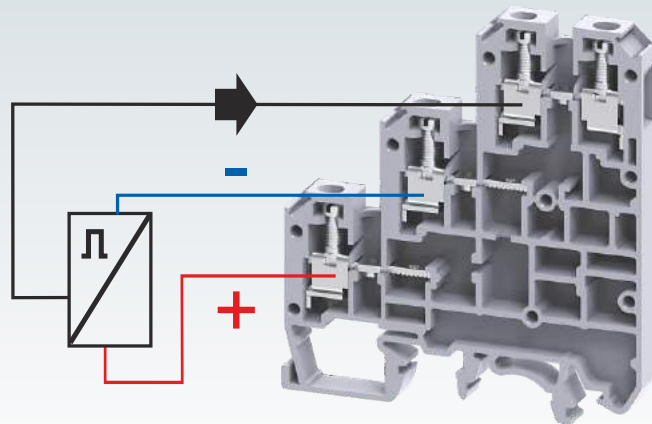
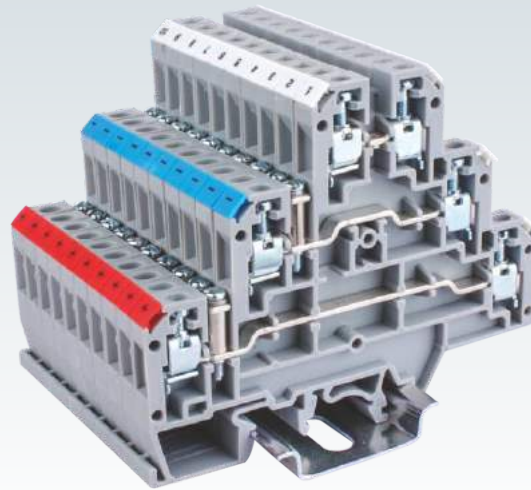


Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CTLG2.5	50
EPCTLG2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2GWHT	100
SCS0,5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA627/2	24 A	100
CA627/3	24 A	100
CA627/4	24 A	100
CA627/10	24 A	10
CA703/1	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
CA611/S/Q		100
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100



# GROUND / EARTH TERMINAL BLOCKS

These blocks are used for terminating Grounding / Earthing wires. They are green-yellow colour coded as per industry standards.


CGT4N, CGT6N & CGT10N terminals can be mounted only on the DIN 35 & DIN 35-15 Rails. They have the same top profile as their respective feed through Terminal Blocks.






CGT4U can be mounted on the DIN 35 and DIN 32 rails.

CGT16N terminals can be mounted only on the DIN 35 & DIN 35-15 Rails. They have the same top profile as their respective feed through Terminal Blocks.

CGT10U & CGT35U can be mounted on the DIN 35 and DIN 32 rails.

CGMT4 is suitable for DIN 15 micro rail & can be used in conjunction with CMT4 (Pg - 67) Terminal Blocks.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 243.

Width (Thickness) x Length		6 x 54.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		47.0 mm / 54.4 mm	
Connection Possibility as per		<b>IEC</b>	<b>UL - CSA</b>
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
	Solid	0.2 - 6.0 mm <sup>2</sup>	
with Ferrule / Lug		0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
Wire Stripping Length		8 mm	
Ratings As Per		IEC60947-2	UL-1059 CSA22.2-158 IEC 60079-7
Torque		0.5 Nm	7 lb-in 7 lb-in 0.5 Nm
Torque at Center Screw		0.8 Nm	7 lb-in 7 lb-in
Approvals			
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block		CGT4N	50
End Plate 			
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
Marking Tags (Refer Pg. 224 for details)		CA509/K6WHT	100
Screw Driver 		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

## CGT4N



### CGT4U



6 x 43 mm  
49.5 mm / 56.7 mm / 54.3 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

8 mm

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

0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
0.8 Nm	7 lb-in	7 lb-in	



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT4U	50
EPCGT4UY	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA501-1M / CA501-1M-S	50 m
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

### CGT6N



8 x 54.5 mm  
48.2 mm / 55.8 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

9 mm

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

1.6 Nm	14 lb-in	14 lb-in	0.8 Nm
0.8 Nm	7 lb-in	7 lb-in	

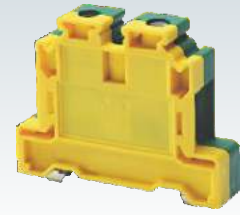


Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT6N	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

### CGT10N



10 x 55 mm  
48.5 mm / 56.0 mm

IEC	UL - CSA
0.2 - 10.0 mm <sup>2</sup>	16 - 6 AWG
0.2 - 10.0 mm <sup>2</sup>	
0.2 - 10.0 mm <sup>2</sup>	16 - 6 AWG
0.2 - 6.0 mm <sup>2</sup>	16 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	16 - 10 AWG

11 mm

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

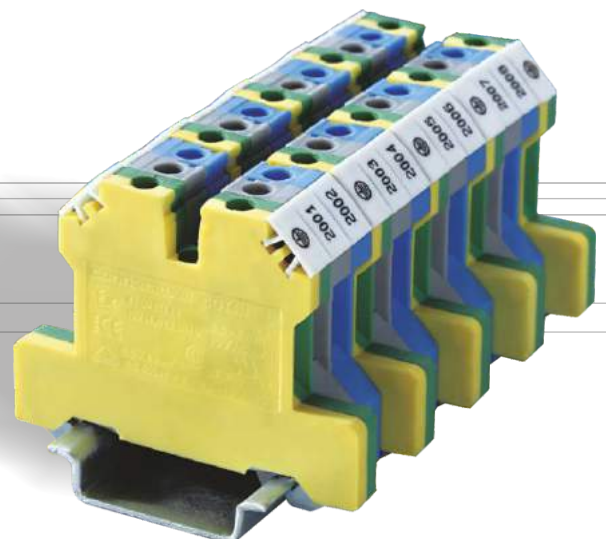
1.6 Nm	14 lb-in	14 lb-in	1.2 Nm
1.6 Nm	14 lb-in	14 lb-in	



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT10N	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA509/K10WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

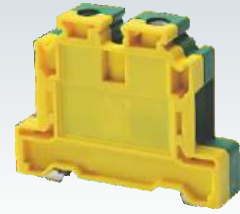


# GROUND / EARTH TERMINAL BLOCKS

## CGT10U



## CGT16N



Width (Thickness) x Length	10 x 45 mm				12 x 55 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	51.0 mm / 58.2 mm / 55.7 mm				48.5 mm / 56.0 mm			
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA	
	0.2 - 10.0 mm <sup>2</sup>		16 - 8 AWG		0.2 - 16.0 mm <sup>2</sup>		20 - 4 AWG	
With 1 Conductor per clamp	Stranded / Flexible		16 - 8 AWG		0.2 - 16.0 mm <sup>2</sup>		20 - 4 AWG	
	Solid with Ferrule / Lug		16 - 8 AWG		0.2 - 10.0 mm <sup>2</sup>		20 - 6 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible		16 - 10 AWG		0.2 - 10.0 mm <sup>2</sup>		20 - 6 AWG	
	with TWIN Ferrule / Lug		16 - 10 AWG		0.2 - 10.0 mm <sup>2</sup>		20 - 6 AWG	
Wire Stripping Length	11 mm				12 mm			
Ratings As Per	IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7	IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
Torque	1.6 Nm	14 lb-in	14 lb-in	1.2 Nm	1.6 Nm	14 lb-in	14 lb-in	2.0 Nm
Torque at Center Screw	0.5 Nm	4.5 lb-in	4.5 lb-in		1.6 Nm	14 lb-in	14 lb-in	
Approvals								
Insulation Material / Material Group	Polyamide 6,6 / 1				Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3				8 KV / 3			

	Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block	CGT10U	50	CGT16N	50
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m	CA701-15-1M / CA701-15-1M-S	25 m
	CA501-1M / CA501-1M-S	50 m		
Marking Tags (Refer Pg. 224 for details)	CA509/K10WHT	100	CA509/K12WHT	100
Screw Driver	SCS0.8/4 Blade size: 0.8 x 4 mm	10	SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

**CGT35U**



16 x 58 mm  
63.2 mm / 70.5 mm / 68.0 mm

IEC	UL - CSA
2.5 - 35.0 mm <sup>2</sup>	8 - 2 AWG
2.5 - 35.0 mm <sup>2</sup>	8 - 2 AWG
2.5 - 25.0 mm <sup>2</sup>	8 - 4 AWG

15 mm

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

2.8 Nm	25 lb-in	25 lb-in	2.5 Nm
1.2 Nm	10 lb-in	10 lb-in	



Polyamide 6,6 / 1

8 KV / 3

**CGT50/70N**



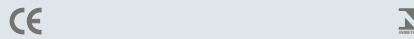
20 x 77 mm  
71.1 mm / 78.1 mm

IEC	UL - CSA
10.0 - 70.0 mm <sup>2</sup>	8 - 2 AWG
10.0 - 70.0 mm <sup>2</sup>	8 - 2 AWG
10.0 - 35.0 mm <sup>2</sup>	8 - 2 AWG

22 mm

IEC60947-7-2 UL-1059 CSA22.2-158

3.0 Nm	38 lb-in	38 lb-in
1.2 Nm	10 lb-in	10 lb-in



Polyamide 6,6 / 1

8 KV / 3

**CGMT4**



For DIN 15 Rail only

6 x 27 mm  
30.7 mm (Height with DIN 15 Rail only)

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

8 mm

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

0.8 Nm	7 lb-in	7 lb-in	0.5 Nm
0.4 Nm	3.6 lb-in	3.6 lb-in	



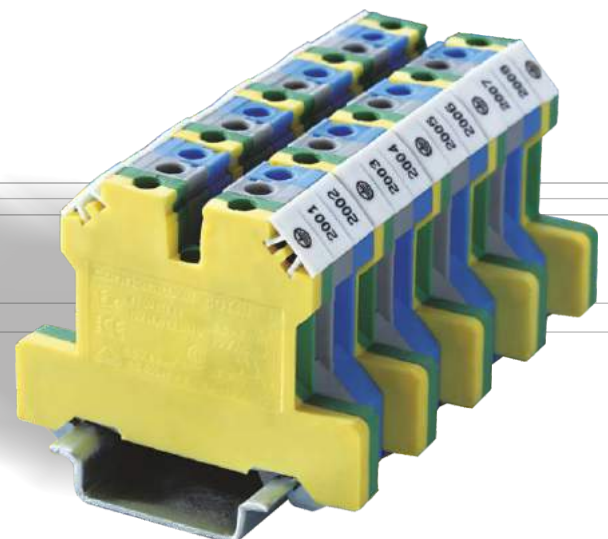
Polyamide 6,6 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CGT35U	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA501-1M / CA501-1M-S	50 m
CA509/K16WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	Standard Pack
CGT50/70N	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA509/K16WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	Standard Pack
CGMT4	100
CA601	50 m
CA509/K2WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10



# NEUTRAL / EARTH CLAMPS

The CENC series clamps are a flexible solution for terminating neutral and grounding wires on bus bar.

The NEB10 (10 x 3mm) and NEB6 (6 x 6mm) bus bar can either be panel mounted using Plastic supports NES or Din rail mounted using the end clamp CA202.

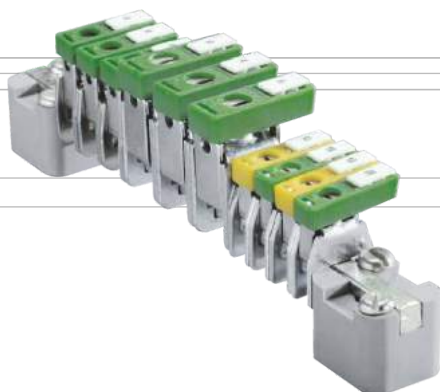
## CENC4



Width (Thickness) x Length	7.5 x 23.3 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail				
Connection Possibility as per	IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	10.0 mm <sup>2</sup>	22 - 12 AWG	
	Solid with Ferrule / Lug	10.0 mm <sup>2</sup>	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	4.0 mm <sup>2</sup>	22 - 14 AWG	
	with TWIN Ferrule / Lug	4.0 mm <sup>2</sup>	22 - 14 AWG	
Wire Stripping Length	12 mm			
Ratings As Per	IEC60947-2	UL-1059	CSA22.2-158	
Voltage	800 V			
Current	57 A			
Torque	0.8 Nm	14 lb-in	14 lb-in	
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			
	<b>Type / Cat. No.</b>	<b>Standard Pack</b>		
Terminal Block	Green	CENC4	50	
	Blue	CENC4BU	50	
	Black	CENC4BK	50	
	Grey	CENC4G	50	
Bus Bar 6 (H) x 6 (W) mm		NEB6	I <sub>max</sub> : 140 A	10
Bus Bar 10(H) x 3 (W) mm		NEB10	I <sub>max</sub> : 120 A	10
Plastic support with fixing screw		NES		50
Bus Bar Support for DIN 35 Rail Mounting		CA202		50
Marking Tags (Refer Pg. 224 for details)		CA509/K5WHT		100
Screw Driver		SCS0.8/4	Blade size: 0.8 x 4 mm	10

Note:  
The current carrying capacity of the busbar (140A) should be taken into account while connecting loads.

## PANEL & RAIL MOUNTING ASSEMBLY OF CENC CLAMPS





### CENC16



9.8 x 23.3 mm

### CENC35



14.5 x 27.3 mm

IEC	UL - CSA
10.0 - 16.0 mm <sup>2</sup>	10 - 6 AWG
10.0 - 16.0 mm <sup>2</sup>	10 - 6 AWG
6.0 - 10.0 mm <sup>2</sup>	10 - 4 AWG
6.0 - 10.0 mm <sup>2</sup>	10 - 4 AWG

16 mm

IEC60947-7-2 UL-1059 CSA22.2-158

800 V

76 A

2.0 Nm 17.5 lb-in 14 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CENC16	50
CENC16BU	50
CENC16BK	50
CENC16G	50

NEB6	Imax.: 140 A	10
NEB10	Imax.: 120 A	10

NES 50

CA202 50

CA509/K6WHT 100

SCS1.0/5.5 Blade size: 1.0 x 5.5 mm 10

IEC	UL - CSA
10.0 - 35.0 mm <sup>2</sup>	8 - 2 AWG
10.0 - 35.0 mm <sup>2</sup>	8 - 2 AWG
10.0 - 25.0 mm <sup>2</sup>	8 - 4 AWG
10.0 - 25.0 mm <sup>2</sup>	8 - 4 AWG

16 mm

IEC60947-7-2 UL-1059 CSA22.2-158

800 V

125 A

2.5 Nm 25 lb-in 25 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CENC35	50
CENC35BU	50
CENC35BK	50
CENC35G	50

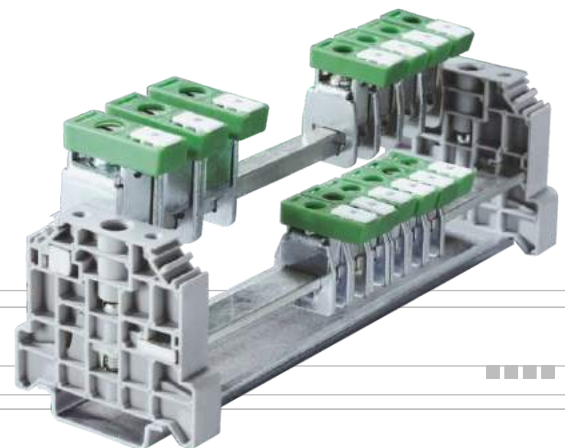
NEB6	Imax.: 140 A	10
NEB10	Imax.: 120 A	10

NES 50

CA202 50

CA509/K6WHT 100

SCS1.0/5.5 Blade size: 1.0 x 5.5 mm 10



# SCREW TYPE SHIELD CONNECTION CLAMPS

The screw type Shield connection clamps are with Knurled Screw and suitable for mounting on 10 x 3 mm Busbar. These clamps can be easily used with the holder NES or NESCC.



Type of Mounting

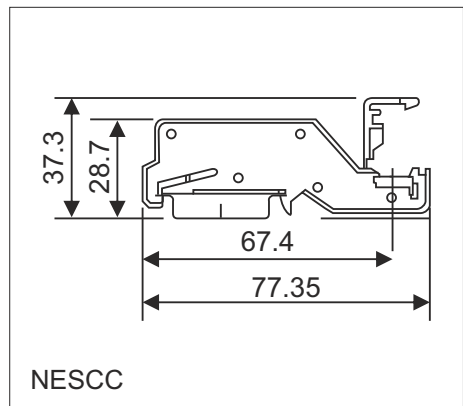
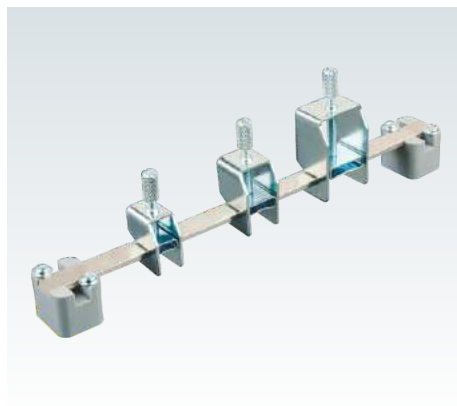
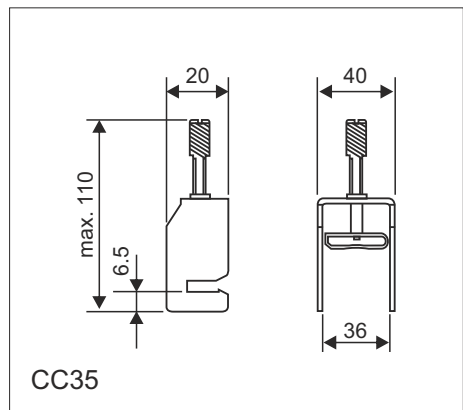
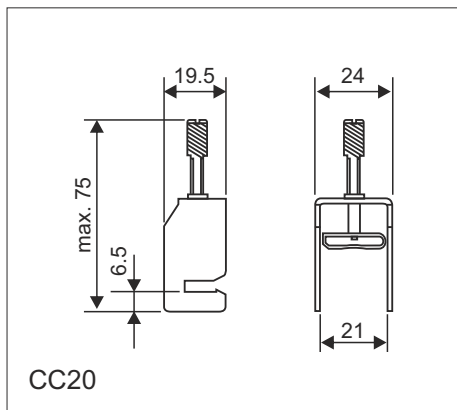
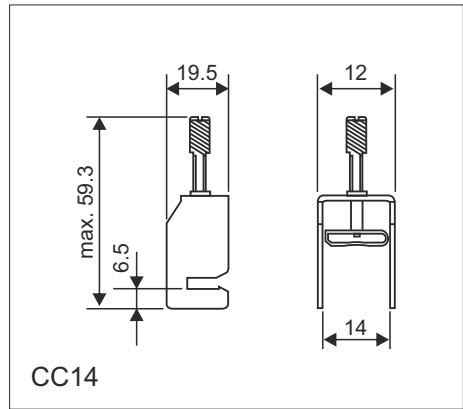
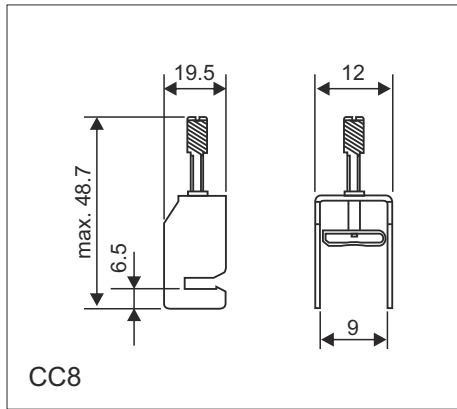
Bus bar mounting screw type shield connectors

Shield connection clamps for Busbar 10 X 3 mm
Ø8 mm, tightening torque 0.6 Nm
Ø14 mm, tightening torque 0.8 Nm
Ø20 mm, tightening torque 0.8 Nm
Ø35 mm, tightening torque 1.5 Nm

Type / Cat. No.	Standard Pack
CC8	10
CC14	10
CC20	10
CC35	10

Busbar 10(H) X 3(W) mm	NEB10	I <sub>max</sub> : 120A	10
Mounting Support (Panel Mount)	NES		50
Mounting Support (Din 35 Rail Mounting)	NESCC		20

Busbar 10(H) X 3(W) mm	NEB10	I <sub>max</sub> : 120A	10
Mounting Support (Panel Mount)	NES		50
Mounting Support (Din 35 Rail Mounting)	NESCC		20



# SPRING TYPE SHIELD CONNECTION CLAMPS

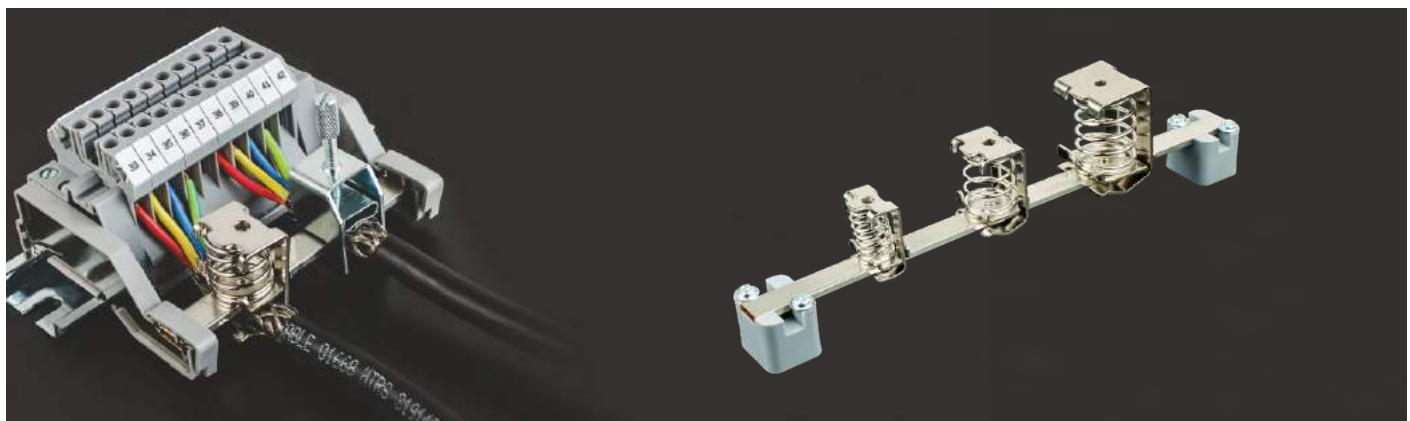
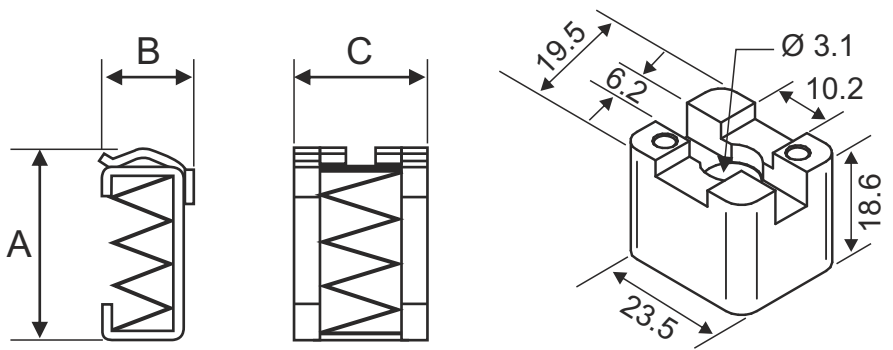
The electromagnetic compatibility of electrical machines and installations has become a very important aspect, our Spring shield connection clamps CCS series offer wide range for cable and conductors from diameters 2 to 32 mm.



Type of Mounting Bus bar mounting spring type shield connectors

Shield connection clamps for Busbar 10 X 3 mm		Type / Cat. No.	Standard Pack
	Ø 2 - 6 mm	CCS2X2-6	10
	Ø 3 - 8 mm	CCS3-8	10
	Ø 4 - 13.5 mm	CCS4 -13.5	10
	Ø 10 - 20 mm	CCS10-20	10
	Ø 15 - 32 mm	CCS15-32	10
Busbar 10(H) X 3(W) mm		NEB10 I <sub>max</sub> : 120A	10
Mounting Support (Panel Mount)		NES	50
Mounting Support (Din 35 Rail Mounting)		NESCC	20

Part No.	A	B	C
CCS 2X2 - 6	24	15	18.20
CCS 3 - 8	25.50	13.6	18.30
CCS 4 - 13.5	31	19.10	19.70
CCS 10 - 20	38.70	24.60	26.10
CCS 15 - 32	62.20	37.60	32.00



# FUSE TERMINAL BLOCKS

These Terminal Blocks are used in electrical and control systems which require fuse protection.

The CF4U series Terminal Blocks accepts industry standard Ø5 x 20mm and Ø5 x 25 mm glass cartridge fuses. These are 8 mm thick Terminal Blocks with a provision to hold a spare fuse (In the non LED version).

CF4SP series fuse terminals, have a thickness of 6 mm with a provision for using internal shorting links. These terminals can be used in an alternating configuration with CTS2.5UN, CTS2.5UE, CTS4UN and CF4SPFT feed through terminals.

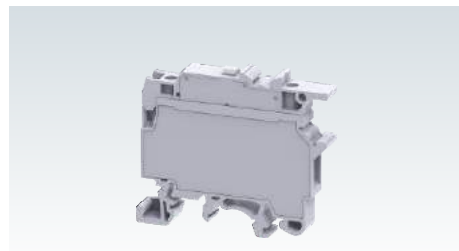
CYF4 series fuse terminals have a thickness of 6 mm with a provision for using push in shorting links. These terminals are completely closed and do not need a separate end plate.

CF4UL, CF4SPL & CYF4L series terminals have a built in LED circuit which gives an offline indication in case of a fuse blow out.

The CAFL series terminals accept ¼" x 1" and ¼" x 1¼" (Ø6.3 x 32 mm) fuses. Fuse blocks with suffix (L), (N) are used for off-line indication in case of a fuse blow out.

These blocks can be used with AC & DC voltages.

## CF4U

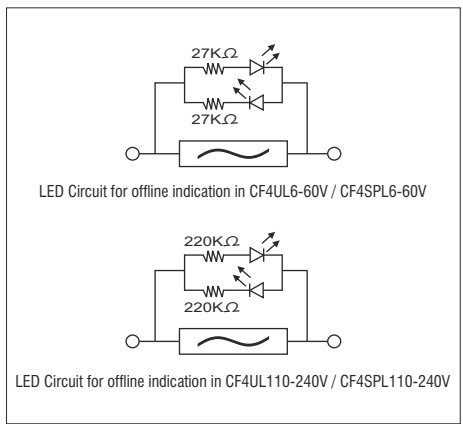


Width (Thickness) x Length				8 x 57 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail				50.3 mm / 57.6 mm / 56.5 mm			
Connection Possibility as per				<b>IEC</b> <b>UL - CSA</b>			
With 1 Conductor per clamp		Stranded / Flexible		0.2 - 4.0 mm <sup>2</sup>		22 - 10 AWG	
		Solid		0.2 - 6.0 mm <sup>2</sup>			
		with Ferrule / Lug		0.2 - 4.0 mm <sup>2</sup>		22 - 10 AWG	
With 2 same size Conductors per clamp		Stranded / Flexible		0.2 - 2.5 mm <sup>2</sup>		22 - 12 AWG	
		with TWIN Ferrule / Lug		0.2 - 2.5 mm <sup>2</sup>		22 - 12 AWG	
Wire Stripping Length				9.5 mm			
Ratings As Per				IEC60947-7-3 UL-1059 CSA22.2-158			
Voltage				800 V	600 V	600 V	
Current				6.3 A	10 A	10 A	
Torque				0.5 Nm	7 lb-in	7 lb-in	
Approvals							
Insulation Material / Material Group				Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree				8 KV / 3			
Fuse Size				Ø5 x 20, Ø5 x 25 mm			

Terminal Block	Grey	CF4U	100
	Blue	CF4UBU	100
	Black	CF4UBK	100
	With LED for 6 - 60 V AC/DC	CF4UL6-60V	100
	With LED for 110 - 240 V AC/DC	CF4UL110-240V	100
	With LED for 24 V AC/DC		
	With LED for 48 V AC/DC		
	With LED for 110 V AC/DC		
	With LED for 220 V AC/DC		
	With NEON for 110-220 V AC/DC		
	With NEON for 300 V AC		

Type / Cat. No.	Standard Pack
CF4U	100
CF4UBU	100
CF4UBK	100
CF4UL6-60V	100
CF4UL110-240V	100
End Plate	
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S 50 m
	CA701-15-1M / CA701-15-1M-S 25 m
End Clamp (Refer Pg. 220 for details)	CA702 / CA802 50
Marking Tags	CA509/K8WHT 100
	CA509/K6WHT 100
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm 10

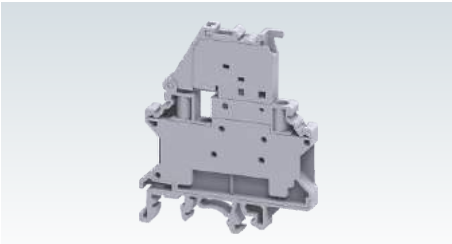
End Plate	
Mounting Rail (Refer Pg. 219 for details)	
End Clamp (Refer Pg. 220 for details)	
Marking Tags	On Terminal On Fuse Carrier
Screw Driver	



Shorting Links	
Pre Assembled Shorting Links	2 pole
	3 pole
	4 pole
	10 pole
	100 pole
Insulated External Shorting Links	2 pole
	3 pole
	4 pole
	10 pole

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
	CA711/2	32 A	100
	CA711/3	32 A	50
	CA711/4	32 A	50
	CA711/10	32 A	20

**CF4SP**



6 x 58.5 mm

70.0 mm / 77.5 mm / 75.0 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

8 mm

IEC60947-7-3 UL-1059 CSA22.2-158

1000 V	600 V	600 V
10 A	10 A	10 A
0.5 Nm	4.5 lb-in	4.5 lb-in



Polyamide 6,6 / 1

4 KV / 3

Ø5 x 20 mm

**CAFL4U**



9 x 76 mm

55.3 mm / 63.0 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

9.5 mm

IEC60947-7-3 UL-1059 CSA22.2-158

1000 V	600 V	600 V
6.3 A	16 A	16 A
0.5 Nm	7 lb-in	7 lb-in



Polyamide 6,6 / 1

8 KV / 3

Ø¼" x 1", Ø¼" x 1¼" (Ø6.3 x 32 mm)

Type / Cat. No.	Standard Pack
CF4SP	50
CF4SPBU	50
CF4SPBK	50
CF4SPL6-60V	50
CF4SPL110-240V	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
CAFL4UJW/F	25
CAFL4UBU	25
CAFL4UBK	25
CAFL4UL24V	25
CAFL4UL48V	25
CAFL4UL110V	25
CAFL4UL220V	25
CAFL4UN110V	25
CAFL4UN220V	25
EPCAFL4U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K9WHT	100
CA509/K9WHT	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	CA742/2	10 A	100
CA722/3	CA742/3	10 A	100
CA722/4	CA742/4	10 A	100
CA722/10	CA742/10	10 A	10
CA722/100	CA742/100	10 A	10
	CA714/2	10 A	100
	CA714/3	10 A	100
	CA714/4	10 A	100
	CA714/10	10 A	20

Uninsulated	Insulated	Imax	Standard Pack
	CA716/2	20 A	50
	CA716/3	20 A	50
	CA716/4	20 A	50
	CA716/10	20 A	20

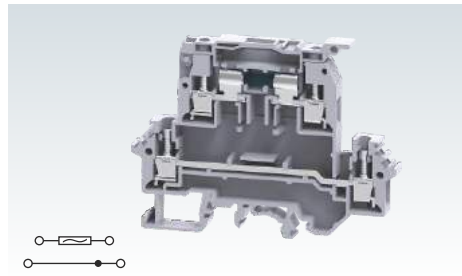
# DOUBLE LEVEL FUSE TERMINAL BLOCKS

These blocks have a fuse carrier link on the top level and a separate feed through terminal connection at the lower level. This eliminates the use of additional feed through Terminal Blocks.

DDFL4U(E) terminals have a specially designed built in circuit which gives light indication in the event of a fuse blow out at the top level.

DDFL4ULR is a modified version of the DDFL4U Terminal Block where two equi-potential connection points are available on both sides of the Terminal Block.

## DDFL4U

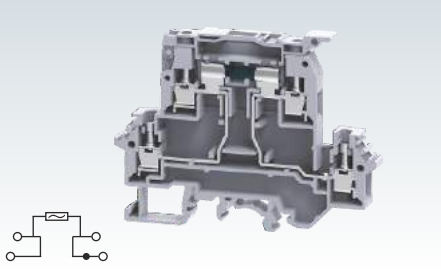


Width (Thickness) x Length		8 x 88 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		67.4 mm / 74.3 mm / 71.4 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>		
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
Wire Stripping Length		9.5 mm		
Ratings As Per		IEC60947-7-3	UL-1059	CSA22.2-158
Voltage	Top Level	800 V	600 V	600 V
	Bottom Level			
Current	Top Level	6.3 A	6.3 A	6.3 A
	Bottom Level	32 A	35 A	35 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals				
Insulation Material / Material Group		Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree		8 kV / 3		
Fuse Size		Ø5 x 20, Ø5 x 25 mm		

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	DDFL4UW/F	20
	With LED for 6 - 60 V AC/DC	DDFL4UE6-60V	20
	With LED for 110 - 240 V AC/DC	DDFL4UE110-240V	20
	With LED for 24 V AC/DC	DDFL4UE24V	20
	With LED for 48 V AC/DC	DDFL4UE48V	20
	With LED for 110 V AC/DC	DDFL4UE110V	20
	With LED for 220 V AC/DC	DDFL4UE220V	20
	With LED for 440 V AC	DDFL4UE440V	20
End Plate		EPDDFL4U	50
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)		CA702 / CA802 / CA202	50
Marking Tags	On Terminal	CA509/K8WHT	100
	Continuous Tag	CA509/K2WHT	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links		CA729/2	CA749/2	32 A	100
		CA729/3	CA749/3	32 A	50
		CA729/4	CA749/4	32 A	50
		CA729/10	CA749/10	32 A	10
Insulated External Shorting Links			CA711/2	32 A	100
			CA711/3	32 A	50
			CA711/4	32 A	50
			CA711/10	32 A	20

## DDFL4ULR



8 x 88 mm

67.4 mm / 74.3 mm / 71.4 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

9.5 mm

IEC60947-7-3 UL-1059 CSA22.2-158

800 V	600 V	600 V
6.3 A	6.3 A	6.3 A

0.5 Nm	7 lb-in	7 lb-in
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Polyamide 6,6 / 1

8 KV / 3

Ø5 x 20, Ø5 x 25 mm

Type / Cat. No.	Standard Pack
DDFL4ULRW/F	20
DDFL4UELR24V	20
DDFL4UELR48V	20
DDFL4UELR110V	20
DDFL4UELR220V	20
DDFL4UELR440V	20
EPDDFL4U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K8WHT	100
CA509/K2WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA729/2	CA749/2	32 A	100
CA729/3	CA749/3	32 A	50
CA729/4	CA749/4	32 A	50
CA729/10	CA749/10	32 A	10
CA711/2		32 A	100
CA711/3		32 A	50
CA711/4		32 A	50
CA711/10		32 A	20

# DISCONNECT & TEST TERMINAL BLOCKS

These blocks are used for measuring, control and regulatory circuits.

In CKT4U & CKT4U/4 Disconnection is achieved by lifting a lever which operates the knife contact.

Specially designed socket headed screws act as test monitoring points in these Terminal Blocks.

CKT4U/S is another version of CKT4U Terminal Block in which regular slotted screws are used.

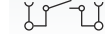
CKT4SP terminal provides a possibility of using an internal shorting link for cross connection.

CF4SPFT feed through terminals have the same profile as that of the CF4SP and CKT4SP Terminal Block.

CF4SP & CKT4SP series terminal are completely closed and do not need a separate end plate.

CKT4UH & CKT6U terminals have an extended tab on the disconnecting blade.

## CKT4U



Width (Thickness) x Length	6 x 46.3 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	48.3 mm / 56.0 mm / 54.5 mm		
Connection Possibility as per	IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
	Solid	0.2 - 6.0 mm <sup>2</sup>	
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
Wire Stripping Length	8 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	800 V	600 V	600 V
Current	28 A	35 A	16 A
Torque	0.5 Nm	7 lb-in	7 lb-in



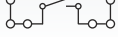
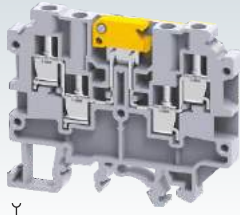
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		

		Type / Cat. No.	Standard Pack
Terminal Block	With Socket Headed Screw - Grey	CKT4U	50
	With Socket Headed Screw - Blue	CKT4UBU	50
	With Standard Slotted Screw	CKT4U/S	50
	Disconnecting knife with Pull Tale	CKT4UH	50
End Plate		EPCKT4U	50
Mounting Rail	(Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp	(Refer Pg. 220 for details)	CA702 / CA802	50
Marking Tags	(Refer Pg. 224 for details)	CA509/K6WHT	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links					
Permanent Shorting Links					
Short Sleeve & Screw for Permanent Shorting Links					
Insulated External Shorting Links		CA714/2		28 A	100
		CA714/3		28 A	100
		CA714/4		28 A	100
		CA714/10		28 A	20



### CKT4U/4



6 x 65 mm  
54.3 mm / 62.0 mm / 60.5 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

8 mm

IEC60947-7-1	UL-1059	CSA22.2-158
800 V	600 V	600 V
17.5 A	20 A	20 A
0.5 Nm	7 lb-in	7 lb-in

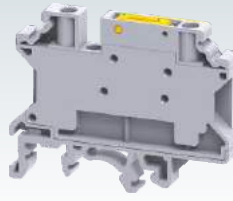


Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CKT4U/4*	50
CKT4U/4BU	50

### CKT4SP



6 x 58.5 mm  
46.0 mm / 53.5 mm / 51.5 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

8 mm

IEC60947-7-1	UL-1059	CSA22.2-158
1000 V	600 V	600 V
28 A	30 A	30 A
0.5 Nm	4.5 lb-in	4.5 lb-in

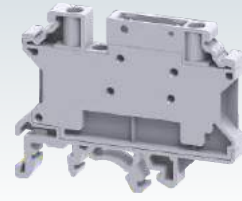


Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CKT4SP	50
CKT4SPBU	50

### CF4SPFT



6 x 58.5 mm  
46.0 mm / 53.5 mm / 51.5 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

8 mm

IEC60947-7-1	UL-1059	CSA22.2-158
1000 V	600 V	600 V
32 A	30 A	30 A
0.5 Nm	4.5 lb-in	4.5 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CF4SPFT	50
CF4SPFTBU	50

EPCKT4U/4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA714/2		17.5 A	100
CA714/3		17.5 A	100
CA714/4		17.5 A	100
CA714/10		17.5 A	20

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA722/2	CA742/2	28 A	100
CA722/3	CA742/3	28 A	100
CA722/4	CA742/4	28 A	100
CA722/10	CA742/10	28 A	10
CA722/100	CA742/100	28 A	10
CA703/1		28 A	100
CA704/1		28 A	100
CA705/1		28 A	100
CA732/10		28 A	100
CA732/10-A		28 A	100
CA732/100		28 A	10
CA707/S/Q/01			100
CA714/2		28 A	100
CA714/3		28 A	100
CA714/4		28 A	100
CA714/10		28 A	20

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA722/2	CA742/2	32 A	100
CA722/3	CA742/3	32 A	100
CA722/4	CA742/4	32 A	100
CA722/10	CA742/10	32 A	10
CA722/100	CA742/100	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA714/2		32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20

\* CKT4U/4 Terminal has standard screws on the upper level clamps and socket screws on the lower level clamps.


# Insulated External shorting links can be used only in the upper level clamping unit of the Terminal Block.

**CKT6U**



Width (Thickness) x Length	8 x 42.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	51.2 mm / 58.7 mm / 56.1 mm		
Connection Possibility as per	<b>IEC</b>	<b>UL - CSA</b>	
With 1 Conductor per clamp	Stranded / Flexible	0.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
	Solid		
With 2 same size Conductors per clamp	with Ferrule / Lug	0.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
	Stranded / Flexible with TWIN Ferrule / Lug	0.5 - 2.5 mm <sup>2</sup>	22 - 12 AWG
Wire Stripping Length	8 mm		
Ratings As Per	IEC60947-7-1		
Voltage	1000 V		
Current	41 A		
Torque	0.8 Nm		
Approvals	<b>CE</b>		
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		

	Type / Cat. No.	Standard Pack
Terminal Block	CKT6U CKT6UBU	50 50
End Plate	EP6/10U	50
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 220 for details)	CA702 / CA802	50
Marking Tags (Refer Pg. 224 for details)	CA509/K8WHT	100
Screw Driver	SCS0.8/4 Blade size: 0.8 x 4 mm	10

Shorting Links	Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Insulated External Shorting Links 	2 pole	CA710/2	41 A	100
	3 pole	CA710/3	41 A	50
	4 pole	CA710/4	41 A	50
	10 pole	CA710/10	41 A	20



# DISCONNECT & TEST TERMINAL BLOCKS

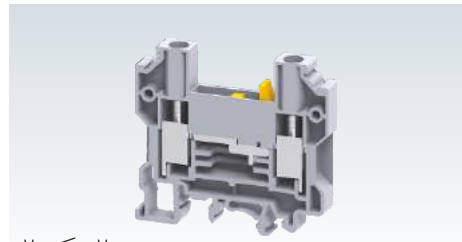
These blocks are used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

In CDTTU & CDTTUSH disconnection is achieved by means of a slide link operated with a screw driver.

Specially designed socket headed screws act as test monitoring points in Disconnecting & Test Terminal Blocks.

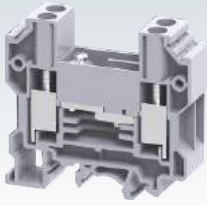
CDTTUFT is a standard feed through terminal with the same profile as that of CDTTU.

## CDTTU



Width (Thickness) x Length		8 x 63 mm				
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		58.7 mm / 65.7 mm / 63.7 mm				
Connection Possibility as per		IEC		UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	1.5 - 10.0 mm <sup>2</sup>		16 - 8 AWG		
	Solid with Ferrule / Lug	1.5 - 10.0 mm <sup>2</sup>		16 - 8 AWG		
With 2 same size Conductors per clamp	Stranded / Flexible	1.5 - 4.0 mm <sup>2</sup>		16 - 10 AWG		
	with TWIN Ferrule / Lug	1.5 - 4.0 mm <sup>2</sup>		16 - 10 AWG		
Wire Stripping Length		12 mm				
Ratings As Per		IEC60947-7-1 UL-1059 CSA22.2-158				
Voltage		800 V	600 V	600 V		
Current		57 A	41 A	41 A		
Torque		1.2 Nm	14 lb-in	14 lb-in		
Approvals						
Insulation Material / Material Group		Polyamide 6,6 / 1				
Rated Impulse Voltage / Pollution Degree		8 KV / 3				
		Type / Cat. No.		Standard Pack		
Terminal Block	Grey Blue	CDTTU		50		
		CDTTUBU		50		
End Plate		EPCDTTU		50		
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S		50 m		
		CA701-15-1M / CA701-15-1M-S		25 m		
End Clamp (Refer Pg. 220 for details)		CA702 / CA802		50		
Marking Tags (Refer Pg. 224 for details)		CA509/K8WHT		100		
Screw Driver		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm		10		
Shorting Links		Type / Cat. No.		Imax	Standard Pack	
Insulated External Shorting Links		2 pole		CA710/2	35 A	100
		3 pole		CA710/3	35 A	50
		4 pole		CA710/4	35 A	50
		10 pole		CA710/10	35 A	20
Shorting Plug		2 pole		QJ8/2		25

**CDTTUSH**



16 x 63 mm  
58.7 mm / 65.7 mm / 63.7 mm

IEC	UL - CSA
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG

12 mm

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

160 V	300 V	300 V
10 A	25 A	25 A
1.2 Nm	14 lb-in	14 lb-in



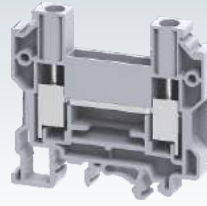
Polyamide 6,6 / 1

2.5 KV / 3

Type / Cat. No.	Standard Pack
CDTTUSH	20
EPCDTTU	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA710/2	35 A	100
CA710/3	35 A	50
CA710/4	35 A	50
CA710/10	35 A	20
QJ8/2		25

**CDTTUFT**



8 x 63 mm  
58.7 mm / 65.7 mm / 63.7 mm

IEC	UL - CSA
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG

12 mm

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

800 V	600 V	600 V
57 A	41 A	41 A
1.2 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDTTUFT	50
CDTTUFTBU	50
EPCDTTU	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA710/2	35 A	100
CA710/3	35 A	50
CA710/4	35 A	50
CA710/10	35 A	20
QJ8/2		25

# DISCONNECT & TEST TERMINAL BLOCKS

The CDS6U Disconnect & Test Terminal Block is used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

Separate testing points facilitate insertion of test probes. Disconnection is achieved by means of a slide link operated with a Screw Driver.

In the CDS6U/TS, the insulated test point screw system (TPSLS) is integrated.

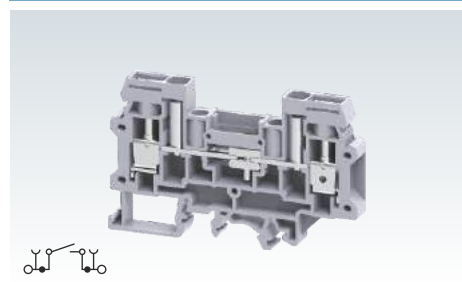
CDS6U/FT Terminal Block is a standard feed through Terminal Block.

In the CDS6U/SC Disconnect & Test Terminal Block, an additional safety spring is provided underneath the screw clamp. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEGB regulations and NTPC applications.

The SLS2 and SLS4 slide shorting link can be used in combination with either the supplied screw or the TPSLS Test point screw system.

Lock out cap LCCDS can be used to lock the center shorting screw, to prevent accidental opening of circuits.

## CDS6U



Width (Thickness) x Length	8 x 82 mm																	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	51.0 mm / 59.2 mm / 56.7 mm																	
Connection Possibility as per	<table border="1"> <tr> <th>IEC</th> <th colspan="2">UL - CSA</th> </tr> <tr> <td>With 1 Conductor per clamp</td> <td>0.2 - 6.0 mm<sup>2</sup></td> <td>22 - 8 AWG</td> </tr> <tr> <td></td> <td>0.2 - 6.0 mm<sup>2</sup></td> <td>22 - 8 AWG</td> </tr> <tr> <td>With 2 same size Conductors per clamp</td> <td>0.2 - 4.0 mm<sup>2</sup></td> <td>22 - 10 AWG</td> </tr> <tr> <td></td> <td>0.2 - 4.0 mm<sup>2</sup></td> <td>22 - 10 AWG</td> </tr> </table>			IEC	UL - CSA		With 1 Conductor per clamp	0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG		0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG	With 2 same size Conductors per clamp	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
IEC	UL - CSA																	
With 1 Conductor per clamp	0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG																
	0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG																
With 2 same size Conductors per clamp	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG																
	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG																
Wire Stripping Length	10 mm																	
Ratings As Per	IEC60947-7-1 UL-1059 CSA22.2-158																	
Voltage	800 V	600 V	600 V															
Current	41 A	45 A	45 A															
Torque	0.8 Nm	14 lb-in	14 lb-in															

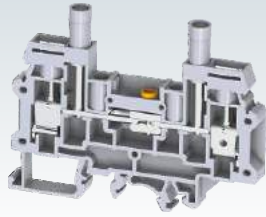


Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		

	Type / Cat. No.	Standard Pack	
Terminal Block	Grey Blue	CDS6U CDS6UBU	50 50
End Plate		EPCDS6U	50
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 224 for details)		CA509/K8WHT	100
Screw Driver		SCS0.8/4 Blade size: 0.8 x 4 mm	10

	Type / Cat. No.	Imax	Standard Pack		
Pre Assembled Shorting Links		2 pole	CA723/2	41 A	100
		3 pole	CA723/3	41 A	50
		4 pole	CA723/4	41 A	50
		5 pole	CA723/5	41 A	50
		6 pole	CA723/6	41 A	10
		10 pole	CA723/10	41 A	10
Slide Shorting Link		2 Pole	SLS2	35 A	50
		3 Pole	SLS3	35 A	25
		4 Pole	SLS4	35 A	25
Insulated Test Socket		Grey	TPSLS		50
		Red	TPSLSR		50
		Yellow	TPSLSY		50
		Blue	TPSLSBU		50
		Black	TPSLSBK		50
Switchable Link Assembly		SWCDS	35 A	50	
Lock Out Cap		LCCDS		50	
Shorting Plug		2 pole	QJ8/2		25

**CDS6U/TS**



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

10 mm

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

630 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

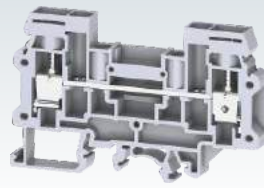
8 KV / 3

Type / Cat. No.	Standard Pack
CDS6U/TS	50
EPCDS6U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	Standard Pack
CA723/2	41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10
SLS2	35 A	50
SLS3	35 A	25
SLS4	35 A	25

SWCDS	35 A	50
LCCDS		50
QJ8/2		25

**CDS6U/FT**



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

10 mm

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

1000 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

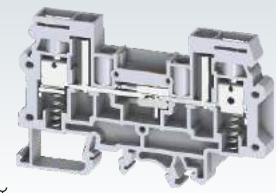
8 KV / 3

Type / Cat. No.	Standard Pack
CDS6U/FT	50
EPCDS6U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	Standard Pack
CA723/2	41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10
SLS2	35 A	50
SLS3	35 A	25
SLS4	35 A	25

SWCDS	35 A	50
LCCDS		50
QJ8/2		25

**CDS6U/SC**



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

10 mm

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

800 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

8 KV / 3

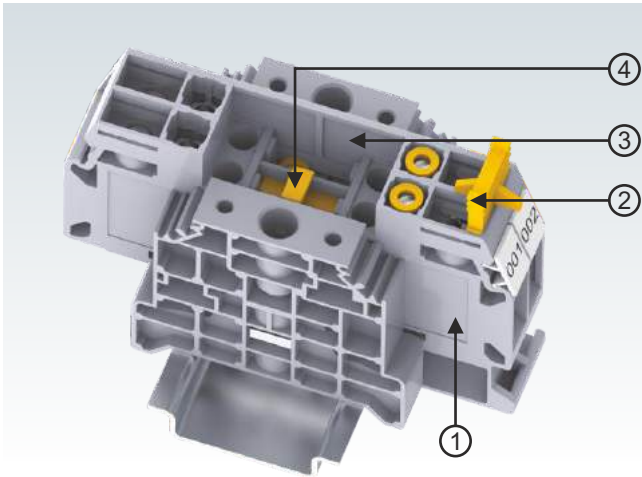
Type / Cat. No.	Standard Pack
CDS6U/SC	50
EPCDS6U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	Standard Pack
CA723/2	41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10
SLS2	35 A	50
SLS3	35 A	25
SLS4	35 A	25

TPSLS	50
TPSLSR	50
TPSLSY	50
TPSLSBU	50
TPSLSBK	50

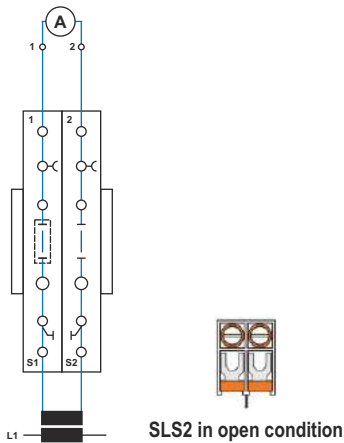
SWCDS	35 A	50
LCCDS		50
QJ8/2		25

# Usage of CDS6U range of products in Simple Current Transformer Test Circuit

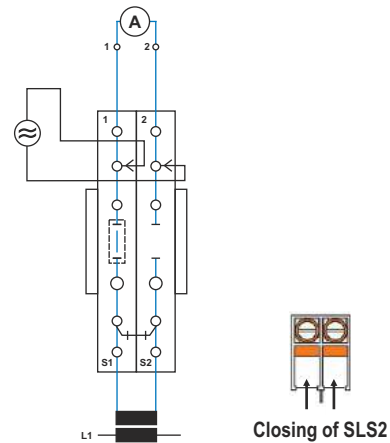


No.	Cat. No.	Qty.
1	CDS6U	2
2	SLS2	1
3	EPCDS6U	1
4	LCCDS	1

### Operating status



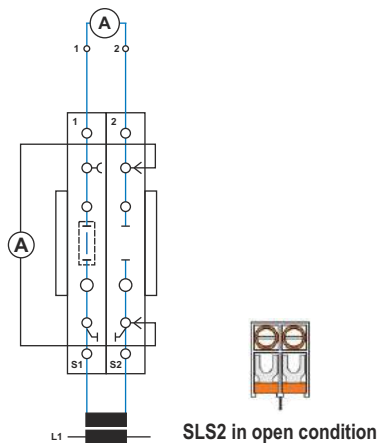
### Meter test for L1 through external power supply



#### Sequence for test :

- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 2.
- 3) Connect external power supply to test sockets of terminals 1 and 2.

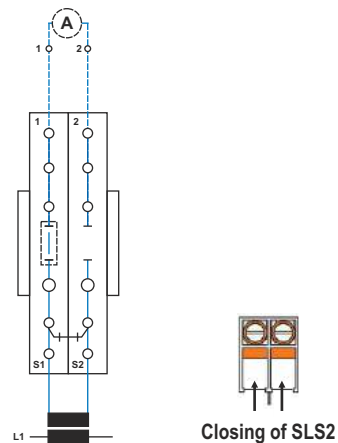
### Comparison measurement for L1



#### Sequence for test :

- 1) Remove SLS2 screw from terminal 2.
- 2) Connect ammeter to test sockets of terminal 2.
- 3) Open disconnect slide link of terminal 2.

### Changing the meter for L1

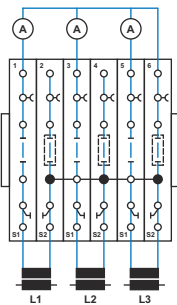
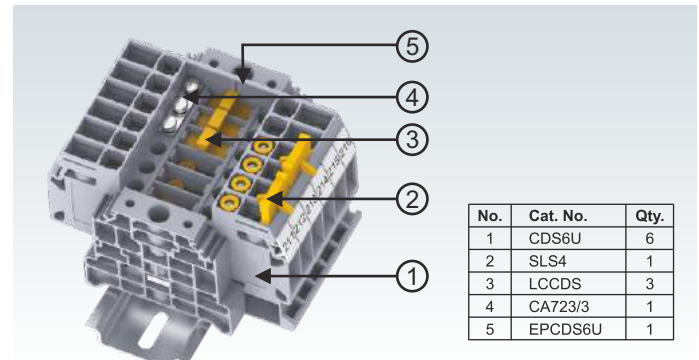
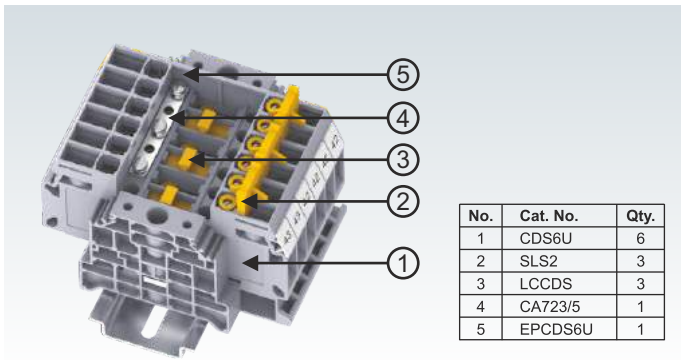


#### Sequence for test :

- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 2.
- 3) Disconnect meter for L1 at terminals 1 and 2.

## Usage of CDS6U range of products in 3 Phase Current Transformer Test Set

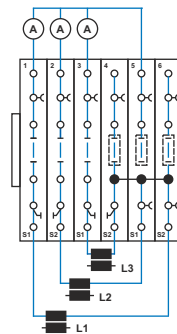
## Usage of CDS6U range of products in 3 Phase Linked Current Transformer Test Set



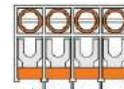
**Operating status**  
(with internal distribution of the k-point)



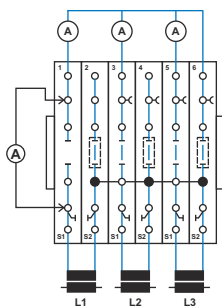
**SLS2 in open condition**



**Operating status**



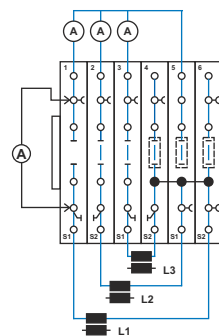
**SLS4 in open condition**



**Comparison measurement for L1**

**Sequence for test :**

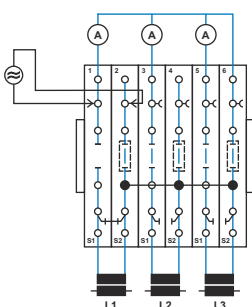
- 1) Remove SLS2 screw from terminal 1.
- 2) Connect ammeter to test sockets of terminal 1.
- 3) Open disconnect slide link of terminal 1.



**Comparison measurement for L1**

**Sequence for test :**

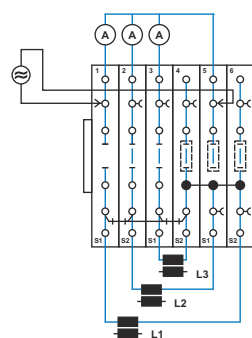
- 1) Remove SLS4 screw from terminal 1.
- 2) Connect ammeter to test sockets of terminal 1.
- 3) Open disconnect slide link of terminal 1.



**Meter test for L1 through external power supply**

**Sequence for test :**

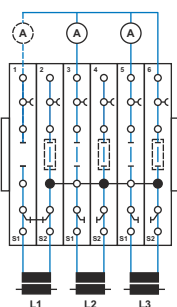
- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 1.
- 3) Connect external power supply to test sockets of terminals 1 and 2.



**Meter test for L1 through external power supply**

**Sequence for test :**

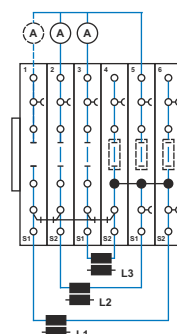
- 1) Close short circuit slide SLS4 of terminals 1,2, 3 and 4.
- 2) Open disconnect slide link of terminal 1.
- 3) Connect external power supply to test sockets of terminals 1 and 5.



**Changing the meter for L1**

**Sequence for test :**

- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 1.
- 3) Disconnect meter for L1.



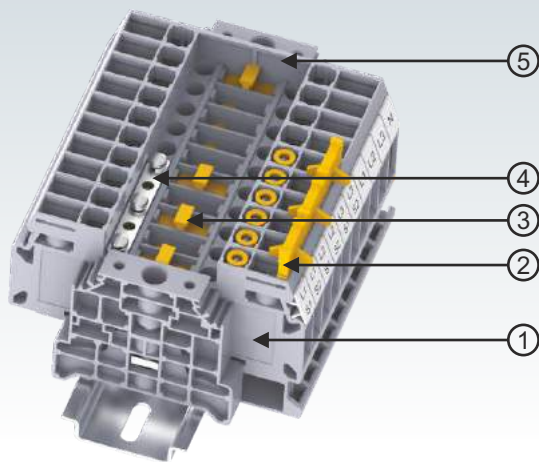
**Changing the meter for L1**

**Sequence for test :**

- 1) Close short circuit slide SLS4 of terminals 1,2, 3 and 4.
- 2) Open disconnect slide link of terminal 1.
- 3) Disconnect meter for L1.

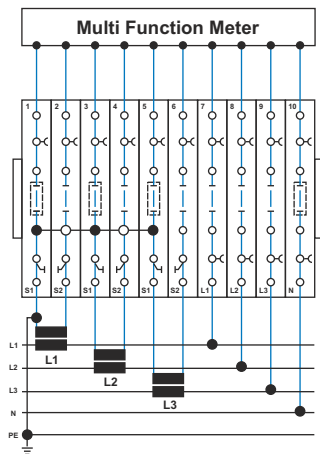


# Usage of CDS6U Test Disconnect Terminal Block for 3 Phase 4 wire multi function meter



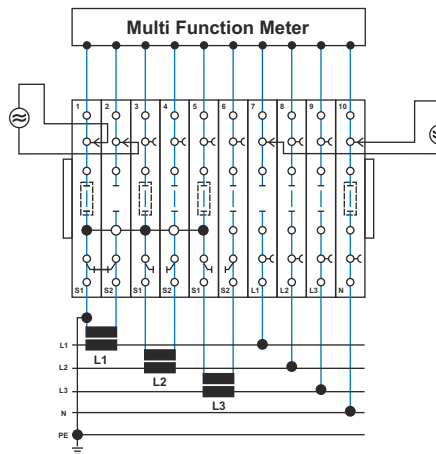
No.	Cat. No.	Qty.
1	CDS6U	10
2	SLS2	3
3	LCCDS	4
4	CA723/5	1
5	EPCDS6U	1

## Operating status



SLS2 in open condition

## Meter test for L1 through external power supply

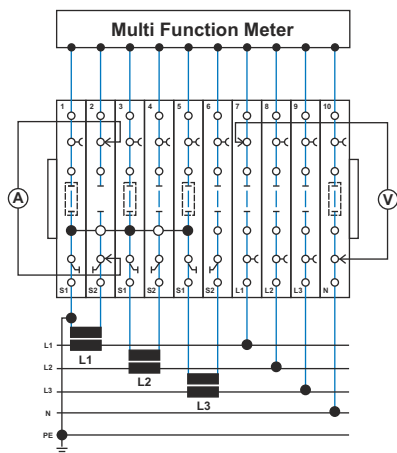


Closing of SLS2

### Sequence for test :

- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 2 and 7.
- 3) Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

## Comparison measurement for L1

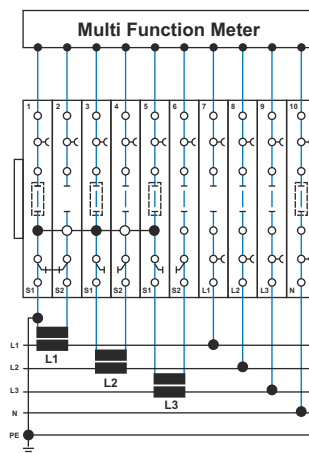


SLS2 in open condition

### Sequence for test :

- 1) Remove SLS2 screw from terminal 2.
- 2) Connect ammeter to test sockets of terminal 2.
- 3) Open disconnect slide link of terminal 2.
- 4) Connect voltmeter to test sockets of terminals 7 and 10.

## Changing the meter for L1



Closing of SLS2

### Sequence for test :

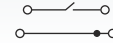
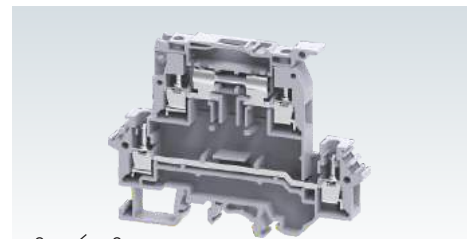
- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 2 and 7.
- 3) Disconnect meter for L1 at terminals 1, 2 and 7.

# DISCONNECT & TEST TERMINAL BLOCKS

## CSDL4U



## DDDL4U



Width (Thickness) x Length	8 x 58 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	44.5 mm / 52.0 mm / 49.4 mm			
Connection Possibility as per	IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid	0.2 - 6.0 mm <sup>2</sup>		
	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
Wire Stripping Length	9.5 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	
Voltage	1000 V	600 V	600 V	
Current	Top Level	10 A	14 A	14 A
	Bottom Level			
Torque	0.5 Nm	7 lb-in	7 lb-in	
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	5 KV / 3			

Width (Thickness) x Length	8 x 88 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	67.4 mm / 74.3 mm / 71.4 mm			
Connection Possibility as per	IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid	0.2 - 6.0 mm <sup>2</sup>		
	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
Wire Stripping Length	9.5 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	
Voltage	800 V	600 V	600 V	
Current	Top Level	10 A	6.3 A	14 A
	Bottom Level	32 A	35 A	32 A
Torque	0.5 Nm	7 lb-in	7 lb-in	
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	5 KV / 3			

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	CSDL4U	100
	Blue		
	Black		
End Plate		EPCSFL4U	50
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50
Marking Tags	On Terminal	CA509/K8WHT	100
	Continuous Tag	CA509/K2WHT	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	DDDL4U	20
	Blue	DDDL4UBU	20
	Black	DDDL4UBK	20
End Plate		EPDDFL4U	50
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50
Marking Tags	On Terminal	CA509/K8WHT	100
	Continuous Tag	CA509/K2WHT	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links					
	2 pole				
	3 pole				
	4 pole				
	10 pole				
Permanent Shorting Links					
	2 pole				
	3 pole				
	10 pole				
Short Sleeve & Screw for Permanent Shorting Links					
Insulated External Shorting Links					
	2 pole	CA711/2		32 A	100
	3 pole	CA711/3		32 A	50
	4 pole	CA711/4		32 A	50
	10 pole	CA711/10		32 A	20

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Pre Assembled Shorting Links					
	2 pole	CA729/2	CA749/2	32 A	100
	3 pole	CA729/3	CA749/3	32 A	50
	4 pole	CA729/4	CA749/4	32 A	50
	10 pole	CA729/10	CA749/10	32 A	10
Permanent Shorting Links					
	2 pole	CA703/6		32 A	100
	3 pole	CA704/6		32 A	100
	10 pole	CA705/6		32 A	100
Short Sleeve & Screw for Permanent Shorting Links					
Insulated External Shorting Links					
	2 pole	CA707/S/Q/3			100
	3 pole	CA711/2		32 A	100
	4 pole	CA711/3		32 A	50
	10 pole	CA711/10		32 A	20

# DISTRIBUTION BLOCKS

The CDB range of Distribution Blocks is an ideal choice for a simplified distribution system. A bolt in the center of the block provides a connection point for the incoming cable. All the terminals are internally connected and provide multiple connection points for the outgoing wires. A protective shield effectively shrouds the incoming connection.

CDB4(1) blocks are recommended for applications where the input connection point is located at one end instead of the center.

CMDB blocks are a modified version of the CDB Terminal Blocks without the central incoming terminal connection.

**Note:**  
Sum of outgoing currents on either side of the center should not exceed half the maximum permissible incoming current

Sum of total outgoing currents should not exceed maximum permissible incoming current.

Connection for higher outgoing currents should be done through the terminal nearest to the incoming connection.

Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	46.2 mm / 53.7 mm / 51.1 mm			
Wire size at Input	16.0 mm <sup>2</sup> / 8 AWG			
Connection Possibility as per	IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup> / 22 - 10 AWG		
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup> / 22 - 10 AWG		
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup> / 22 - 10 AWG		
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup> / 22 - 12 AWG		
Wire Stripping Length	8 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	
Voltage	800 V	600 V	600 V	
	Current	64 A	50 A	50 A
Torque	Total Output (on either side of Input)	32 A	35 A	25 A
	Input Output	2.0 Nm / 0.5 Nm	26 lb-in / 7 lb-in	26 lb-in / 7 lb-in
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			

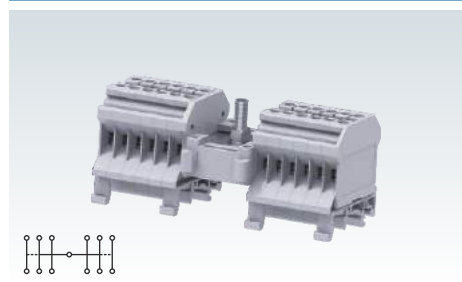
Terminal Block	Type / Cat. No.	No. of Outputs	Standard Pack
	CDB4/1	4	10
	CDB4/2	8	10
	CDB4/3	12	10
	CDB4/4	16	10
	CDB4/5	20	5
	CDB4/6	24	5

Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m
End Clamp (Refer Pg. 220 for details)	CA701-15-1M / CA701-15-1M-S	25 m
Marking Tags (Refer Pg. 224 for details)	CA702 / CA802	50
Screw Driver	CA509/K6WHT	100
	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

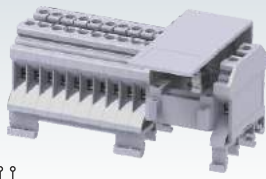
Type / Cat. No.	H x W x T ( mm )	No. of Output
CDB4/1	45 x 43 x 44	4
CDB4/2	45 x 43 x 56	8
CDB4/3	45 x 43 x 68	12
CDB4/4	45 x 43 x 80	16
CDB4/5	45 x 43 x 96	20
CDB4/6	45 x 43 x 108	24

Note: These Terminal Blocks are available in Red, Yellow, Blue, Black & Green colours.

## CDB4



**CDB4(1)**



46.2 mm / 53.7 mm / 51.1 mm

16.0 mm<sup>2</sup> / 8 AWG

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

8 mm

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

800 V	600 V	600 V
64 A	50 A	50 A
64 A*	50 A	25 A
2.0 Nm	26 lb-in	26 lb-in
0.5 Nm	7 lb-in	7 lb-in



Polyamide 6,6 / 1

8 KV / 3

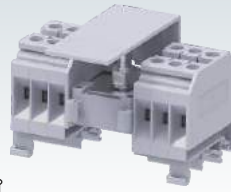
Type / Cat. No.	No. of Outputs	Standard Pack
CDB4/2(1)	6	10
CDB4/3(1)	8	10
CDB4/4(1)	10	10
CDB4/5(1)	12	5
CDB4/6(1)	14	5
CDB4/10(1)	22	5
CDB4/11(1)	24	5

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	H x W x T ( mm )	No. of Output
CDB4/2(1)	45 x 43 x 52	6
CDB4/3(1)	45 x 43 x 58	8
CDB4/4(1)	45 x 43 x 64	10
CDB4/5(1)	45 x 43 x 70	12
CDB4/6(1)	45 x 43 x 76	14
CDB4/10(1)	45 x 43 x 100	22
CDB4/11(1)	45 x 43 x 106	24

\* Total output current of the system.

**CDB6**



47.8 mm / 55.5 mm / 52.8 mm

25.0 mm<sup>2</sup> / 2 AWG

IEC	UL - CSA
1.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
1.5 - 6.0 mm <sup>2</sup>	
1.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
1.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG
1.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG

9 mm

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

800 V	600 V	600 V
82 A	100 A	100 A
41 A	50 A	50 A
3.0 Nm	35 lb-in	35 lb-in
0.8 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

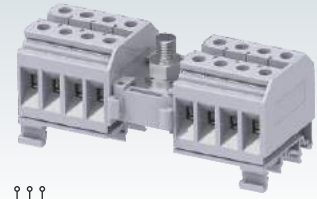
8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CDB6/1	4	10
CDB6/2	8	10
CDB6/3	12	10
CDB6/4	16	5

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	H x W x T ( mm )	No. of Output
CDB6/1	43 x 48 x 48	4
CDB6/2	43 x 48 x 64	8
CDB6/3	43 x 48 x 80	12
CDB6/4	43 x 48 x 96	16

**CDB10**



47.8 mm / 55.5 mm / 52.8 mm

35.0 mm<sup>2</sup> / 1/0 AWG

IEC	UL - CSA
1.5 - 10 mm <sup>2</sup>	16 - 6 AWG
1.5 - 10 mm <sup>2</sup>	
1.5 - 10 mm <sup>2</sup>	16 - 6 AWG
1.5 - 6 mm <sup>2</sup>	16 - 8 AWG
1.5 - 6 mm <sup>2</sup>	16 - 8 AWG

11 mm

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

800 V	600 V	600 V
114 A	130 A	130 A
57 A	65 A	65 A
6.0 Nm	53 lb-in	53 lb-in
1.2 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

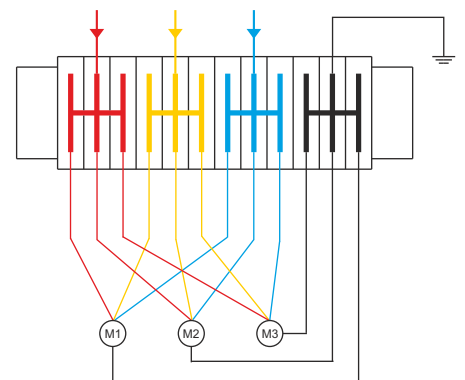
8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CDB10/2	8	10
CDB10/3	12	10
CDB10/4	16	5

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K10WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

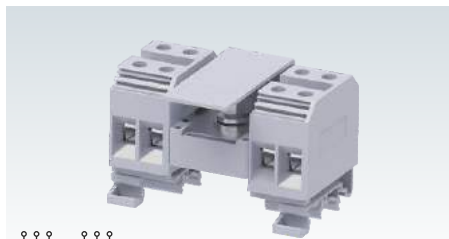
Type / Cat. No.	H x W x T ( mm )	No. of Output
CDB10/2	43 x 48 x 72	8
CDB10/3	43 x 48 x 92	12
CDB10/4	43 x 48 x 112	16

**Phase Distribution Application with CDB Terminals**



# DISTRIBUTION BLOCKS

## CDB25



## CMDB4



Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	57.2 mm / 64.7 mm / 62.3 mm				46.2 mm / 53.7 mm / 51.1 mm			
Wire size at Input	50.0 mm <sup>2</sup> / 2/0 AWG							
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	6.0 - 25 mm <sup>2</sup>		12 - 2 AWG		0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid with Ferrule / Lug	6.0 - 25 mm <sup>2</sup>		12 - 2 AWG		0.2 - 6.0 mm <sup>2</sup>	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	6.0 - 16 mm <sup>2</sup>		12 - 8 AWG		0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
	with TWIN Ferrule / Lug	6.0 - 16 mm <sup>2</sup>		12 - 8 AWG		0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
Wire Stripping Length	14 mm				8 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059		
Voltage	800 V	600 V	600 V		1000 V	600 V		
Current	Total Output (on either side of Input)	Input	150 A	150 A	150 A	32 A	35 A	
		Output	75 A	75 A	150 A			
Torque	Input Output	Input	6.0 Nm	53 lb-in		0.5 Nm	7 lb-in	
		Output	2.0 Nm	22 lb-in				
Approvals								
Insulation Material / Material Group	Polyamide 6,6 / 1				Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3				8 KV / 3			
	<b>Type / Cat. No.</b>	<b>No. of Outputs</b>	<b>Standard Pack</b>		<b>Type / Cat. No.</b>	<b>No. of Outputs</b>	<b>Standard Pack</b>	
Terminal Block	CDB25/1	4	10		CMDB4/2	4	10	
	CDB25/2	8	10		CMDB4/3	6	10	
	CDB25/3	12	10		CMDB4/4	8	10	
	CDB25/4	16	5		CMDB4/10	20	5	
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m			CA701-1M / CA701-1M-S	50 m		
	CA701-15-1M / CA701-15-1M-S	25 m			CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 220 for details)	CA702 / CA802		50		CA702 / CA802		50	
Marking Tags (Refer Pg. 224 for details)	CA509/K12WHT		100		CA509/K6WHT		100	
Warning Label					SWL4		50	
Screw Driver	SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10	
	<b>Type / Cat. No.</b>	<b>H x W x T ( mm )</b>	<b>No. of Output</b>		<b>Type / Cat. No.</b>	<b>H x W x T ( mm )</b>	<b>No. of Output</b>	
	CDB25/1	56 x 49 x 64	4		CMDB4/2	45 x 43 x 13.5	4	
	CDB25/2	56 x 49 x 88	8		CMDB4/3	45 x 43 x 19.5	6	
	CDB25/3	56 x 49 x 112	12		CMDB4/4	45 x 43 x 25.5	8	
	CDB25/4	56 x 49 x 136	16		CMDB4/10	45 x 43 x 61.5	20	

Note: These Terminal Blocks are available in Red, Yellow, Blue, Black & Green colours.

**CMDB6**



47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
1.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
1.5 - 6.0 mm <sup>2</sup>	22 - 8 AWG
1.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG
1.5 - 4.0 mm <sup>2</sup>	22 - 10 AWG

9 mm

IEC60947-7-1 UL-1059

1000 V	600 V		
41 A	50 A		

0.8 Nm	14 lb-in		



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CMDB6/2	4	10
CMDB6/3	6	10
CMDB6/4	8	5
CMDB6/10	20	5
CA701-1M / CA701-1M-S		50 m
CA701-15-1M / CA701-15-1M-S		25 m
CA702 / CA802		50
CA509/K8WHT		100
SWL6		50
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Type / Cat. No.	H x W x T ( mm )	No. of Output
CMDB6/2	43 x 48 x 17.5	4
CMDB6/3	43 x 48 x 25.5	6
CMDB6/4	43 x 48 x 33.5	8
CMDB6/10	43 x 48 x 81.5	20

**CMDB10**



47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
1.5 - 10.0 mm <sup>2</sup>	22 - 6 AWG
1.5 - 10.0 mm <sup>2</sup>	22 - 6 AWG
1.5 - 6.0 mm <sup>2</sup>	22 - 10 AWG
1.5 - 6.0 mm <sup>2</sup>	22 - 10 AWG

11 mm

IEC60947-7-1 UL-1059

1000 V	600 V		
57 A	65 A		

1.2 Nm	14 lb-in		



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CMDB10/2	4	10
CMDB10/3	6	10
CMDB10/4	8	5
CMDB10/10	20	5
CA701-1M / CA701-1M-S		50 m
CA701-15-1M / CA701-15-1M-S		25 m
CA702 / CA802		50
CA509/K10WHT		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Type / Cat. No.	H x W x T ( mm )	No. of Output
CMDB10/2	43 x 48 x 21.5	4
CMDB10/3	43 x 48 x 31.5	6
CMDB10/4	43 x 48 x 41.5	8
CMDB10/10	43 x 48 x 101.5	20

**CMDB25**



57.2 mm / 64.7 mm / 62.3 mm

IEC	UL - CSA
6.0 - 25.0 mm <sup>2</sup>	12 - 4 AWG
6.0 - 25.0 mm <sup>2</sup>	12 - 4 AWG
6.0 - 16.0 mm <sup>2</sup>	12 - 6 AWG
6.0 - 16.0 mm <sup>2</sup>	12 - 8 AWG

14 mm

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

800 V	600 V	600 V	
101 A	85 A	85 A	

2.0 Nm	22 lb-in	22 lb-in	



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CMDB25/2	4	10
CMDB25/3	6	10
CMDB25/4	8	5
CMDB25/10	20	5
CA701-1M / CA701-1M-S		50 m
CA701-15-1M / CA701-15-1M-S		25 m
CA702 / CA802		50
CA509/K12WHT		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

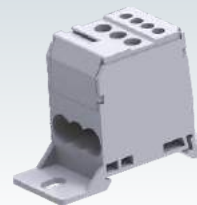
Type / Cat. No.	H x W x T ( mm )	No. of Output
CMDB25/2	56 x 49 x 26	4
CMDB25/3	56 x 49 x 38	6
CMDB25/4	56 x 49 x 50	8
CMDB25/10	56 x 49 x 62	20

# COMPACT DISTRIBUTION BLOCKS

Compact Distribution Block is used for single phase distribution systems. These blocks can either be mounted on a Din Rail or can be panel mounted.

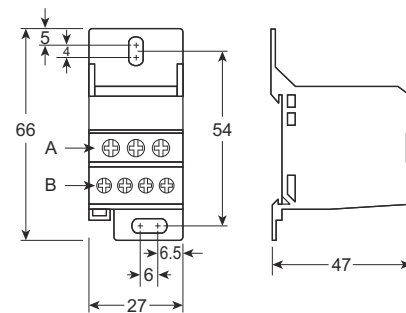
These blocks are completely shrouded and offer IP 20 protection.

## DB16



Width (Thickness) x Length	27 x 66 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	50.8 mm / 57.8 mm		
Total number of connection points	7		
Connection Possibility as per	IEC	UL - CSA	
At 1 Connection Point (Input)	Wire Range	6 - 16 mm <sup>2</sup> (3 Conn.)	
	Stripping Length	15 mm	
	Torque	1.2 Nm	
At Position A in diagram below	Wire Range	2.5 - 6 mm <sup>2</sup> (4 Conn.)	
	Stripping Length	9 mm	
	Torque	0.8 Nm	
At Position B in diagram below	Wire Range	8 - 4 AWG	
	Stripping Length	15 mm	
	Torque	14 lb-in	
At Position C in diagram below	Wire Range	14 - 10 AWG	
	Stripping Length	9 mm	
	Torque	7 lb-in	
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	1000 V	600 V	600 V
Current	76 A	80 A	80 A
Torque	1.2 / 0.8 Nm	14 / 7 lb-in	14 / 7 lb-in
Approvals			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	6 KV / 3		
Terminal Block	Grey	DB16	10
	Blue	DB16BU	10
	Red	DB16R	10
	Yellow	DB16Y	10
	Black	DB16BK	10
	Green	DB16GN	10
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 224 for details)		CA509/K7.5WHT	100
Screw Driver		SCPH2 Blade size: 2 x 100 mm	10
Type / Cat. No.	Standard Pack		

Note:  
Sum of total outgoing currents should not exceed maximum permissible incoming current.



**DB25**



30.5 x 55.4 mm  
52.1 mm / 61.35 mm  
6

**DB35**



27 x 74.5 mm  
50.8 mm / 57.8 mm  
8

**DB70**



41.6 x 74.45mm  
55.2 mm / 66.5 mm  
8

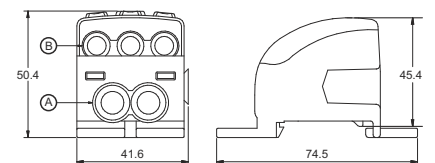
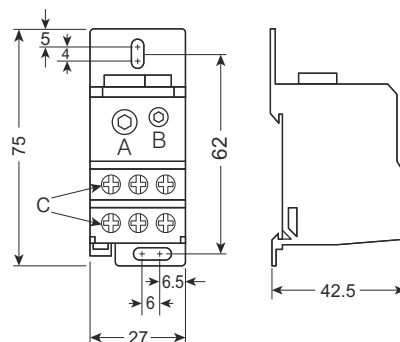
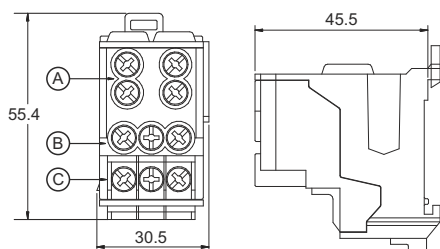
IEC	UL - CSA
2.5 - 25 mm <sup>2</sup> (2 Conn.)	8 - 2 AWG
17 mm	15 mm
3.0 Nm	40 lb-in
1.5 - 10 mm <sup>2</sup> (3 Conn.)	8 - 4 AWG
9 mm	15 mm
2.0 Nm	14 lb-in
1.5 - 10 mm <sup>2</sup> (3 Conn.)	14 - 6 AWG
9 mm	10 mm
2.0 Nm	17.5 lb-in
IEC60947-7-1	UL-1059
690 V	1000 V 600 V
100 A	125 A 115 A
3.0 / 2.0 Nm	6.0 / 3.0 Nm 40 / 17.5 lb-in
Polyamide 6,6 / 1	Polyamide 6,6 / 1
6 KV / 3	6 KV / 3

IEC	UL - CSA
10 - 70 mm <sup>2</sup> (1 Conn.)	8 - 1/0 AWG
17 mm	17 mm
10.0 Nm	90 lb-in
2.5 - 25 mm <sup>2</sup> (2 Conn.)	14 - 4 AWG
12 mm	12 mm
2.0 Nm	27 lb-in
1.5 - 16 mm <sup>2</sup> (3 Conn.)	16 - 6 AWG
12 mm	12 mm
2.0 Nm	27 lb-in
IEC60947-7-1	UL-1059
1000 V	600 V
160 A	160 A
10.0 / 2.0 Nm	90 / 27 lb-in
Polyamide 6,6 / 1	Polyamide 6,6 / 1
6 KV / 3	6 KV / 3

Type / Cat. No.	Standard Pack
DB25	1
DB25BU	1
DB25GN	1
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
SCPH2 Blade size: 2 x 100 mm	10

Type / Cat. No.	Standard Pack
DB35	10
DB35BU	10
DB35R	10
DB35Y	10
DB35BK	10
DB35GN	10
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K7.5WHT	100
SCPH2 Blade size: 2 x 100 mm	10

Type / Cat. No.	Standard Pack
DB70	1
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
SCPH2 Blade size: 2 x 100 mm	10





# COMPACT DISTRIBUTION BLOCKS

## PDB400

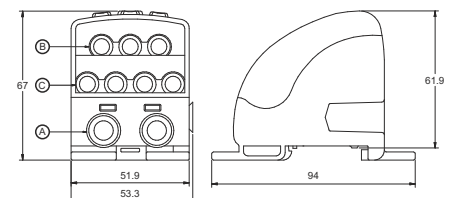
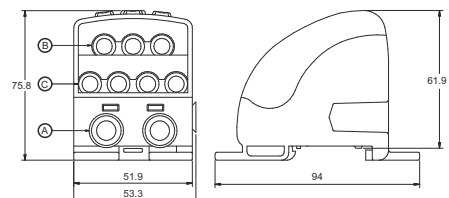


## DB185



Width (Thickness) x Length	53.3 x 94 mm		53.3 x 94 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	77.5 mm / 85.0 mm		68 mm / 74.0 mm	
Total number of connection points	8		8	
<b>Connection Possibility as per</b>	<b>IEC</b>	<b>UL - CSA</b>	<b>IEC</b>	<b>UL - CSA</b>
At 1 Connection Point (Input)	Wire Range	35 - 120 mm <sup>2</sup> (1 Conn.)	2 - 250 KCMIL	95 - 185 mm <sup>2</sup> (1 Conn.)
	Stripping Length	27 mm	19 mm	27 mm
	Torque	19.0 Nm	172 lb-in	19.0 Nm
At 2 Connection Points (Position A in diagram)	Wire Range	4.0 - 35 mm <sup>2</sup> (2 Conn.)	12 - 2 AWG	4.0 - 35 mm <sup>2</sup> (2 Conn.)
	Stripping Length	18 mm	18 mm	18 mm
	Torque	2.5 Nm	54 lb-in	2.5 Nm
At 3 Connection Point (Position B in diagram)	Wire Range	2.5 - 25 mm <sup>2</sup> (3 Conn.)	14 - 4 AWG	2.5 - 25 mm <sup>2</sup> (3 Conn.)
	Stripping Length	12 mm	12 mm	12 mm
	Torque	2.0 Nm	27 lb-in	2.0 Nm
At 4 Connection Point (Position C in diagram)	Wire Range	1.5 - 16 mm <sup>2</sup> (4 Conn.)	16 - 6 AWG	1.5 - 16 mm <sup>2</sup> (4 Conn.)
	Stripping Length	12 mm	12 mm	12 mm
	Torque	2.0 Nm	27 lb-in	2.0 Nm
<b>Ratings As Per</b>	IEC60947-7-1	UL-1059	IEC60947-7-1	UL-1059
Voltage	1000 V	600 V	1000 V	600 V
Current	250 A	250 A	353 A	310 A
Torque	19.0 / 2.5 / 2.0 Nm 172 / 54 / 27 lb-in		19.0 / 2.5 / 2.0 Nm 227 / 54 / 27 lb-in	
<b>Approvals</b>	CE		CE UL US VDE	
Insulation Material / Material Group	Polyamide 6,6 / 1		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree	6 KV / 3		6 KV / 3	

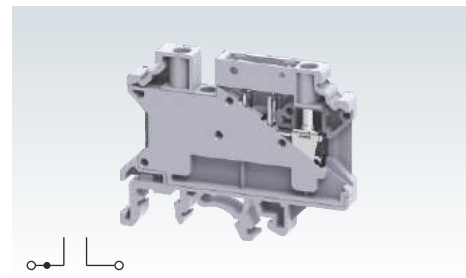
	Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block	PDB400	1	DB185	1
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)	CA702 / CA802	50	CA702 / CA802	50
Marking Tags (Refer Pg. 224 for details)				
Screw Driver	SCPH2 Blade size: 2 x 100 mm	10	SCPH2 Blade size: 2 x 100 mm	10



# COMPONENT CARRIER TERMINAL BLOCK

The CCC4U Terminal Block is a component carrier base. Various pluggable component carriers can be installed easily. These component carriers have built in protection against incorrect polarity.

## CCC4U



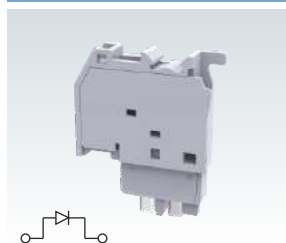
Width (Thickness) x Length	6 x 58.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	46.0 mm / 53.5 mm / 51.5 mm			
Connection Possibility as per	IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG	
	Solid	0.2 - 6.0 mm <sup>2</sup>		
	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG	
Wire Stripping Length	8 mm			
Ratings As Per	IEC60947-7-1 UL-1059			
Voltage	1000 V	600 V		
Current	*	*		
Torque	0.5 Nm	4.5 lb-in		
Approvals	CE			
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			
	Type / Cat. No.	Standard Pack		
Terminal Block	CCC4U	50		
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m		
	CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 220 for details)	CA702 / CA802	50		
Marking Tags (Refer Pg. 224 for details)	CA509/K6WHT	100		
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10		
	Type / Cat. No.	Imax	Standard Pack	
Pre Assembled Shorting Links	2 pole	CA722/2	10 A	100
	3 pole	CA722/3	10 A	100
	4 pole	CA722/4	10 A	100
	10 pole	CA722/10	10 A	10
	100 pole	CA722/100	10 A	10

\* Current Rating is based on Plug used.

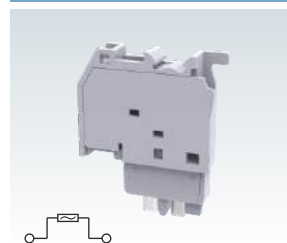
# COMPONENT CARRIERS

CPD1 is component plug with built in diode 1N4007 (Not to be used with fuse). CPF is component fuse plug suitable for Ø 5 x 20 mm fuses. CPFL is component plug which provides offline indication in case of a blown off fuse. These plugs can be used with CXCC4 Terminal Block.

## CPD1



## CPF



## CIP



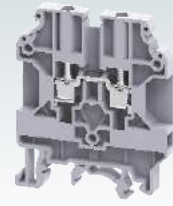
	Type / Cat. No.	Std. Pack	Type / Cat. No.	Std. Pack	Type / Cat. No.	Std. Pack
Component Carrier	CPD1	50	CPF	50	CIP	50
With Diode For Ø 5 x 20 mm Fuse Fuse with 6-60V AC/DC LED Circuit Fuse with 110-240V AC/DC LED Circuit			CPFL6-60V	50		
			CPFL110-240V	50		
Width (Thickness) x Length x Height	6 x 28 x 35 mm		6 x 28 x 35 mm		5.4 x 17.45 x 26 mm	
Current Rating *	1 A		6.3 A & 10 A		10 A	
Marking Tags (Refer Pg. 224 for details)	CA509/K6WHT 100		CA509/K6WHT 100			

# HIGH VOLTAGE TERMINAL BLOCKS

The CHV series Terminal Blocks have been specially designed for extremely high voltage (1500 VDC) applications.

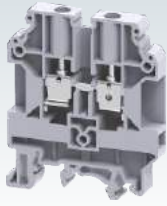
A specially designed flexible foot enables easy mounting and dismounting from the mounting rail with the help of a screw driver. These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

## CHV4U



Width (Thickness) x Length		6 x 52 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		63.4 mm / 70.8 mm / 68.2 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
Wire Stripping Length		12 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1000 V	1000 V	1000 V
Current		32 A	35 A	35 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals				
Insulation Material / Material Group		Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		
		<b>Type / Cat. No.</b>	<b>Standard Pack</b>	
Terminal Block	Grey / Blue	CHV4U	50	
		CHV4UBU	50	
End Plate		EPUSC	50	
Separator Plate		SP2.5/4UN	50	
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m	
		CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50	
Marking Tags (Refer Pg. 224 for details)		CA509/K6WHT	100	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	
		<b>Type / Cat. No.</b>	<b>I<sub>max</sub></b>	<b>Standard Pack</b>
Shorting Links		CA623/2	32 A	100
		CA623/3	32 A	100
		CA623/4	32 A	100
		CA623/10	32 A	10

### CHV6U



8 x 52 mm

63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

14 mm

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

1000 V	1000 V	1000 V
41 A	50 A	50 A
0.8 Nm	14 lb-in	14 lb-in



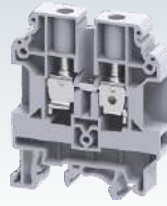
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CHV6U	50
CHV6UBU	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA624/2	41 A	100
CA624/3	41 A	100
CA624/4	41 A	100
CA624/10	41 A	10

### CHV10U



10 x 52 mm

63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 10 AWG

14 mm

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

1000 V	1000 V	1000 V
57 A	65 A	65 A
1.2 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CHV10U	50
CHV10UBU	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K10WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA625/2	57 A	100
CA625/3	57 A	100
CA625/4	57 A	100
CA625/10	57 A	10

# SPRING LOADED TERMINAL BLOCKS

These modified version of feed through Terminal Blocks come with springs below the clamps. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEBG regulations and NTPC applications. In addition to the high torque screws, these blocks have a built-in spring loading feature.

It is recommended to use hook type lug / ferrule for terminating wires in such connections.

These Terminal Blocks have a specially designed current bar for the right location & placement of wires crimped in hook type lug / ferrule, thus preventing loosening of the wires even when the screw clamps are not tightened.

Width (Thickness) x Length

Height with DIN 35 x 7.5 / 35 x 15 / 32 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 / Material Group

Rated Impulse Voltage / Pollution Degree

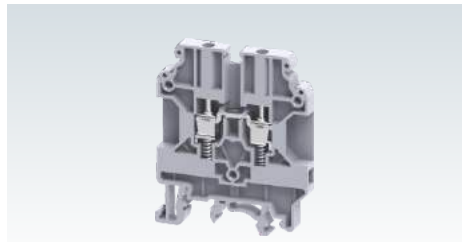
Terminal Block	Grey Blue
End Plate	
Separator Plate	
Mounting Rail (Refer Pg. 219 for details)	
End Clamp (Refer Pg. 220 for details)	
Marking Tags (Refer Pg. 224 for details)	
Screw Driver	

Shorting Links

Pre Assembled Shorting Links		2 pole
		3 pole
		4 pole
		10 pole

Hook Type Lug / Ferrule		1.5 sq.mm
		2.5 sq.mm
		4 sq.mm
		6 sq.mm
		10 sq.mm

## CTS4USC



6 x 52 mm

63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
-----	----------

0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

12 mm

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

1000 V	600 V	600 V
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32 A	35 A	35 A
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0.5 Nm	7 lb-in	7 lb-in
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Polyamide 6,6 / 1

8 KV / 3

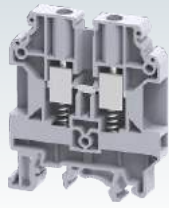
Type / Cat. No.	Standard Pack
CTS4USC	50
CTS4USCBU	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
-----------------	------------------	---------------

CA623/2	32 A	100
CA623/3	32 A	100
CA623/4	32 A	100
CA623/10	32 A	10

CA604/1		100
CA604/2		100
CA604/5		100

**CTS6USC**



8 x 52 mm  
63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

14 mm

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

1000 V	1000 V	1000 V
41 A	50 A	50 A
0.8 Nm	14 lb-in	14 lb-in



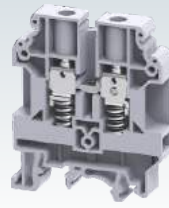
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS6USC	50
CTS6USCUB	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA624/2	41 A	100
CA624/3	41 A	100
CA624/4	41 A	100
CA624/10	41 A	10
CA604/1		100
CA604/2		100
CA604/5		100
CA604/3		100

**CTS10USC**



10 x 52 mm  
63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG
0.2 - 6.0 mm <sup>2</sup>	20 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	20 - 8 AWG

14 mm

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

1000 V	1000 V	1000 V
57 A	65 A	65 A
1.2 Nm	14 lb-in	14 lb-in



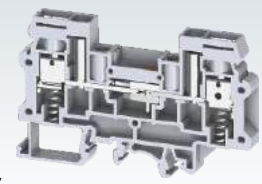
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS10USC	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K10WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA625/2	57 A	100
CA625/3	57 A	100
CA625/4	57 A	100
CA625/10	57 A	10
CA604/1		100
CA604/2		100
CA604/5		100
CA604/4		100
CA604/3		100

**CDS6U/SC**



8 x 82 mm  
51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG

10 mm

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

800 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDS6U/SC	50
EPCDS6U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
CA723/2	41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/10	41 A	50
CA604/1		100
CA604/2		100
CA604/5		100
CA604/3		100

**Note:**  
For other accessories for CDS6U please refer page 49.





# SPRING LOADED TERMINAL BLOCKS


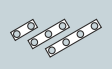



These modified version of feed through Terminal Blocks come with springs below the clamps. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEBG regulations and NTPC applications. In addition to the high torque screws, these blocks have a built-in spring loading feature.

It is recommended to use hook type lug / ferrule for terminating wires in such connections.

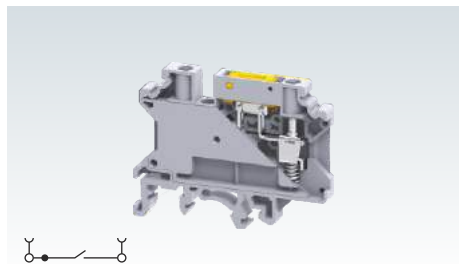
These Terminal Blocks have a specially designed current bar for the right location & placement of wires crimped in hook type lug / ferrule, thus preventing loosening of the wires even when the screw clamps are not tightened.

Width (Thickness) x Length	
Height with DIN 35 x 7.5 / 35 x 15 / 32 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 / Material Group	
Rated Impulse Voltage / Pollution Degree	

Terminal Block	Grey
Mounting Rail (Refer Pg. 219 for details)	
End Clamp (Refer Pg. 220 for details)	
Marking Tags (Refer Pg. 224 for details)	
Screw Driver	

Shorting Links		2 pole	3 pole	4 pole	10 pole	100 pole			
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		2 pole	3 pole	4 pole	10 pole
						Insulated External Shorting Links		2 pole	3 pole
				Shorting Plug				2 pole	

## CKT4SPSC



6 x 58.5 mm			
46.0 mm / 53.5 mm / 51.5 mm			
IEC		UL - CSA	
0.2 - 4.0 mm <sup>2</sup>		24 - 10 AWG	
0.2 - 6.0 mm <sup>2</sup>		24 - 10 AWG	
0.2 - 4.0 mm <sup>2</sup>		24 - 10 AWG	
0.2 - 2.5 mm <sup>2</sup>		24 - 12 AWG	
0.2 - 2.5 mm <sup>2</sup>		24 - 12 AWG	
8 mm			
IEC60947-7-1 UL-1059 CSA22.2-158			
1000 V	600 V	600 V	
28 A	30 A	30 A	
0.5 Nm	4.5 lb-in	4.5 lb-in	



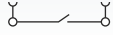
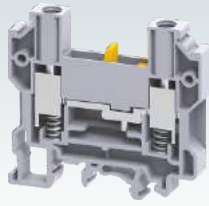
Polyamide 6,6 / 1			
8 KV / 3			

Type / Cat. No.	Standard Pack
CKT4SPSC	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
CA722/2	CA742/2	28 A	100
CA722/3	CA742/3	28 A	100
CA722/4	CA742/4	28 A	100
CA722/10	CA742/10	28 A	10
CA722/100	CA742/100	28 A	10
CA703/1		28 A	100
CA704/1		28 A	100
CA705/1		28 A	100
CA732/10		28 A	100
CA732/10-A		28 A	100
CA732/100		28 A	10
CA707/S/Q/01			100
CA714/2		28 A	100
CA714/3		28 A	100
CA714/4		28 A	100
CA714/10		28 A	20

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### CDTTUSC



8 x 63 mm

58.7 mm / 65.7 mm / 63.7 mm

IEC	UL - CSA
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG

12 mm

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

800 V	600 V	600 V
57 A	41 A	41 A
1.2 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

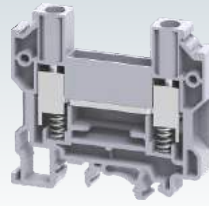
8 KV / 3

Type / Cat. No.	Standard Pack
CDTTUSC	50
EPCDTTU	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack

CA710/2	35 A	100
CA710/3	35 A	50
CA710/4	35 A	50
CA710/10	35 A	20
QJ8/2		25

### CDTTUFTSC



8 x 63 mm

58.7 mm / 65.7 mm / 63.7 mm

IEC	UL - CSA
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 10.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG
1.5 - 4.0 mm <sup>2</sup>	16 - 10 AWG

12 mm

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

800 V	600 V	600 V
57 A	41 A	41 A
1.2 Nm	14 lb-in	14 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDTTUFTSC	50
EPCDTTU	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack








CA710/2	35 A	100
CA710/3	35 A	50
CA710/4	35 A	50
CA710/10	35 A	20



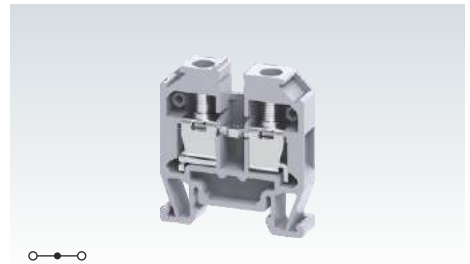
# MICRO TERMINAL BLOCKS








These Terminal Blocks are extremely compact and are used in applications with space constraints. These blocks should be used with DIN 15 type (DIN 2) rails.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 243.

Width (Thickness) x Length		6 x 27 mm			
Height with DIN 15 mm Rail		30.4 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>			
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG		
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG		
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		500 V	300 V	300 V	380 V
Current		32 A	35 A	35 A	28 A
Torque		0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
Approvals					
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3			
		Type / Cat. No.		Standard Pack	
Terminal Block	Grey	CMT4	100		
	Blue	CMT4BU	100		
	Red	CMT4R	100		
	Yellow	CMT4Y	100		
	Black	CMT4BK	100		
	Green	CMT4GN	100		
	Ground / Earth (Refer Pg. 28 for Details)		CGMT4	100	
End Plate 		EPCMT4	50		
Partition Plate 		PPCMT4	50		
Mounting Rail (Refer Pg. 219 for details) 		CA601	50		
End Clamp (Refer Pg. 220 for details) 		CA602	50		
Marking Tags (Refer Pg. 224 for details) 		CA509/K2WHT	100		
Screw Driver 		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10		

## CMT4




Shorting Links		Uninsulated	Insulated	Imax	Standard Pack
Pre Assembled Shorting Links 	2 pole	CA727/2	CA747/2	32 A	100
	3 pole	CA727/3	CA747/3	32 A	100
	4 pole	CA727/4	CA747/4	32 A	100
	10 pole	CA727/10	CA747/10	32 A	10
	100 pole				
Permanent Shorting Links 	2 pole	CA703/1		32 A	100
	3 pole	CA704/1		32 A	100
	4 pole	CA705/1		32 A	100
	10 pole	CA732/10		32 A	100
	10 pole (Breakable)	CA732/10-A		32 A	100
	100 pole	CA732/100		32 A	10
Short Sleeve & Screw for Permanent Shorting Links 		CA607/S/Q			100
Switchable Shorting Links 		CA706/1		32 A	100
Long Sleeve & Screw for Switchable Shorting Links 		CA607/L/Q			100
Insulated External Shorting Links 	2 pole	CA714/2		25 A	100
	3 pole	CA714/3		25 A	100
	4 pole	CA714/4		25 A	100
	10 pole	CA714/10		25 A	20
Test Socket 		CA707/TS/03			100

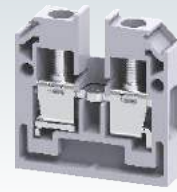
# PANEL MOUNT TERMINAL BLOCK





A perfect solution for extremely compact wiring applications, these Terminal Blocks are modular and can be stacked to form multi-pole Terminal Block assemblies. The stacked assemblies are fitted with mounting End Plates on both ends for easy installations.

M3 screw of desired length can be used for mounting.

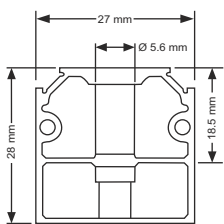
The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 243.

## CMB4





Width (Thickness) x Length	6 x 27 mm			
Height	28.5 mm			
Connection Possibility as per	IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid	0.2 - 6.0 mm <sup>2</sup>		
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG	
with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG		
Wire Stripping Length	8 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage	500 V	300 V	300 V	440 V
Current	32 A	30 A	35 A	28 A
Torque	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	4 KV / 3			
	Type / Cat. No.		Standard Pack	
Terminal Block	Grey	CMB4	100	
	Blue	CMB4BU	100	
	Red	CMB4R	100	
	Yellow	CMB4Y	100	
	Black	CMB4BK	100	
	Green	CMB4GN	100	
	Orange	CMB4O	100	
	White	CMB4W	100	
End Plate		EPCMB4	50	
Separator Plate		SPCMB4	50	
Marking Tags (Refer Pg. 224 for details)		CA509/K2WHT	100	
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm 10	

Note: It is recommended to use additional End Plate after every 20 Terminal Blocks in a stacked assembly.



End Plate



Shorting Links		Uninsulated	Insulated	Imax	Standard Pack
Pre Assembled Shorting Links	2 pole	CA727/2	CA747/2	32 A	100
	3 pole	CA727/3	CA747/3	32 A	100
	4 pole	CA727/4	CA747/4	32 A	100
	10 pole	CA727/10	CA747/10	32 A	10
	100 pole				
Permanent Shorting Links	2 pole	CA703/1		32 A	100
	3 pole	CA704/1		32 A	100
	4 pole	CA705/1		32 A	100
	10 pole	CA732/10		32 A	100
	10 pole (Breakable)	CA732/10-A		32 A	100
	100 pole	CA732/100		32 A	10
	Short Sleeve & Screw for Permanent Shorting Links		CA607/S/Q		
Insulated External Shorting Links	2 pole	CA714/2		25 A	100
	3 pole	CA714/3		25 A	100
	4 pole	CA714/4		25 A	100
	10 pole	CA714/10		25 A	20
Test Socket		CA707/TS/01			100

# THERMOCOUPLE TERMINAL BLOCKS

These Terminal Blocks are used with thermocouple wires in measurement applications.

As per DIN 43713 & DIN 43714 the current carrying element of the Terminal Block is made of the same material as the Thermocouple wire. These special current carrying elements ensure that there is no loss of potential at the connecting points.

The following types of Thermocouple wires can be connected using standard Thermocouple Terminal Blocks

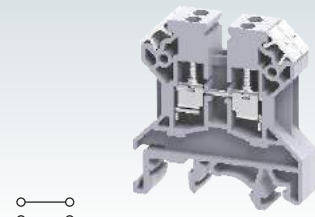
'K' type - Chromel (Ni/Cr), Alumel (Ni/Al)

'J' type - Iron (Fe), Constantan (Cu/Ni)

'T' type - Copper (Cu), Constantan (Cu/Ni)

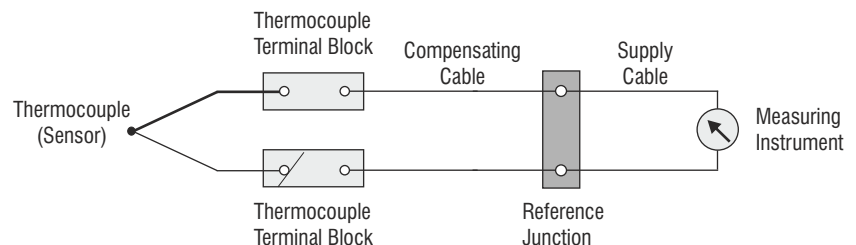
'E' type - Chromel (Ni/Cr), Constantan (Cu/Ni)

## CTT2.5U



Width (Thickness) x Length	10 x 43 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	46.2 mm / 53.7 mm / 51.1 mm		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 14 AWG
	Solid	0.2 - 4.0 mm <sup>2</sup>	22 - 12 AWG
	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 14 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG
Wire Stripping Length	8 mm		
Ratings As Per	IEC60947-7-1		
Voltage	1000 V		
Current	10 A		
Torque	0.4 Nm		
Approvals			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	4 KV / 3		
	Type / Cat. No.	Suitable for Thermocouple Wire	Standard Pack
Terminal Block	CTT2.5UK	K Type	50
	CTT2.5UJ	J Type	50
	CTT2.5UT	T Type	50
	CTT2.5UE	E Type	50
End Plate	EP2.5/4UN		50
Partition Plate	PP2.5/4UN		50
Separator Plate	SP2.5/4UN		100
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S		50 m
	CA701-15-1M / CA701-15-1M-S		25 m
End Clamp (Refer Pg. 220 for details)	CA702 / CA802		50
Marking Tags (Refer Pg. 224 for details)	CA509/K5WHT		100
Screw Driver	SCS0.5/3	Blade size: 0.5 x 3.0 mm	10

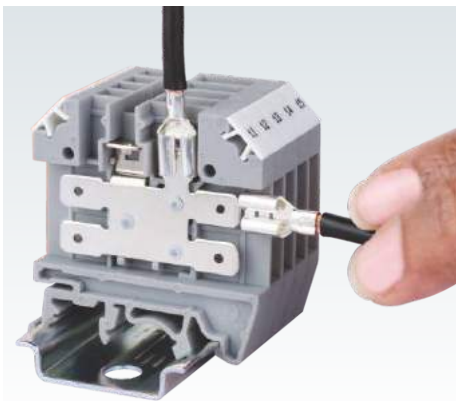
### Typical Temperature Measuring circuit



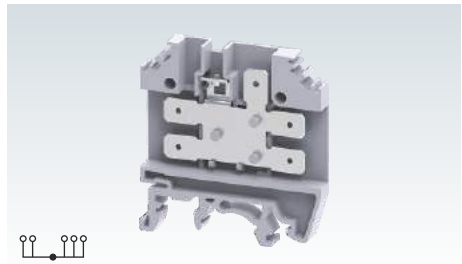
# TAB CONNECTION TERMINAL BLOCKS



The CTC4U Tab Connection Terminal Blocks offer quick connection possibility. The Terminal Blocks are suited for standard 'Fast On' type lugs.






The connection is achieved by pushing the lug / ferrule onto the tab blade of the Terminal Block.

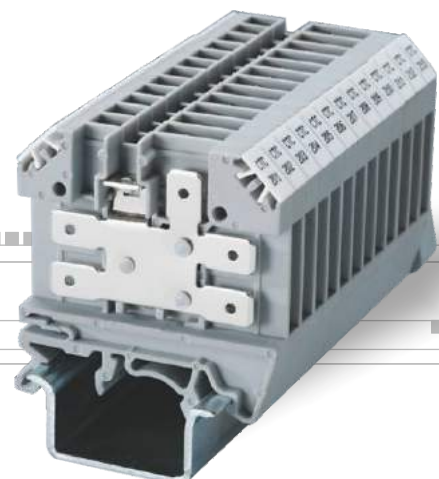


## CTC4U



Width (Thickness) x Length		6 x 47 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		51.2 mm / 58.8 mm / 56.3 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup> 0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG 24 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1	
Voltage		300 V	
Current		32 A	
Approvals		 	
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		2.5 KV / 3	
		<b>Type / Cat. No.</b>	<b>Standard Pack</b>
Terminal Block		CTC4U	100
End Plate		EPCTC4U	50
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 224 for details)		CA509/K6WHT	100

Shorting Links		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Permanent Shorting Links	 2 pole	CA703/1		32 A	100
	 3 pole	CA704/1		32 A	100
	 4 pole	CA705/1		32 A	100
	 10 pole	CA732/10		32 A	100
	 100 pole	CA732/100		32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA807/S/Q/01			100
Test Socket		CA707/TS/01			100



# TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

The following Standard Active Terminal Blocks are available:

## Diode / Resistor Terminal Blocks

### Terminal Blocks with Light Indication

CDL4U(O) - Connectwell Double Level Terminal Blocks are available with open current bars at the bottom level to which the electronic components can be soldered.

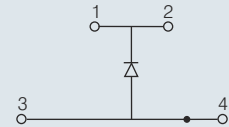
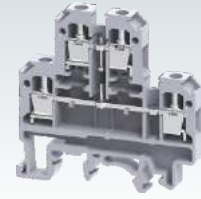
CDL4USP - Spacers can be used for covering custom electronic components, which may protrude from the CDL4U(O) Terminal Block.

Width (Thickness) x Length	6 x 55.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	55.7 mm / 63.1 mm / 60.3 mm		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>	22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
Wire Stripping Length	9 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	500 V	600 V	300 V
Current	32 A	35 A	25 A
Torque	0.5 Nm	7 lb-in	7 lb-in
Approvals			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Diode	1N 4007		
Diode Reverse Voltage / Current	1000 V / 1 A		

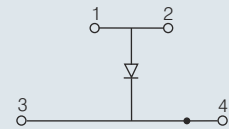
	Type / Cat. No.	Standard Pack
End Plate	EPCDL4U	50
Spacer	CDL4USP	50
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
Marking Tags (Refer Pg. 224 for details)	CA509/K2WHT	100
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Shorting Links	Type / Cat. No.	I <sub>max</sub>	Standard Pack
Permanent Shorting Links	2 pole CA703/1	32 A	100
	3 pole CA704/1	32 A	100
	4 pole CA705/1	32 A	100
	10 pole CA732/10	32 A	100
Short Sleeve & Screw for Permanent Shorting Links	CA607/S/Q		100

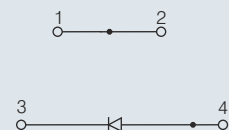
Part No.	Application	Std. Pack
CDL4UED1	Arc suppression circuit for contactors & solenoid valves - D.C	100



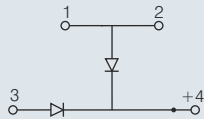
Part No.	Application	Std. Pack
CDL4UED2	Arc suppression circuit for contactors & solenoid valves - D.C	100



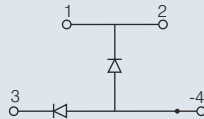
Part No.	Application	Std. Pack
CDL4UED3	Diode circuit for reverse polarity protection	100



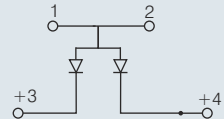
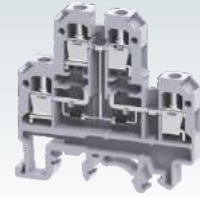
Part No.	Application	Std. Pack
CDL4UEDD1	Diode circuit for lamp testing	100



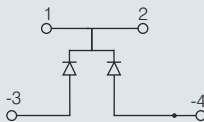
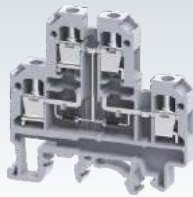
Part No.	Application	Std. Pack
CDL4UEDD2	Diode circuit for lamp testing	100



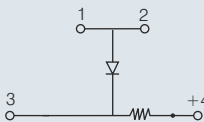
Part No.	Application	Std. Pack
CDL4UEDD3	Diode circuit for lamp testing	100



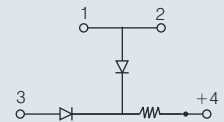
Part No.	Application	Std. Pack
CDL4UEDD4	Diode circuit for lamp testing	100



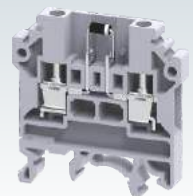
Part No.	Application	Std. Pack
CDL4UED4	Diode circuit for lamp testing with LED series resistance	100



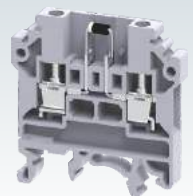
Part No.	Application	Std. Pack
CDL4UEDD5	Diode circuit for lamp testing with LED series resistance	100



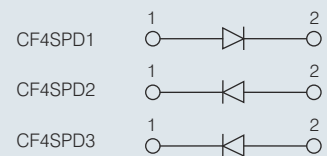
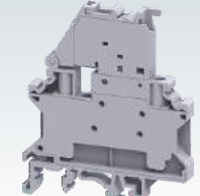
Part No.	Application	Std. Pack
CKT4UD1	Arc suppression circuit for contactors & solenoid valves - D.C	100



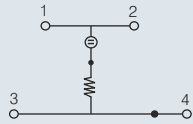
Part No.	Application	Std. Pack
CKT4UD2	Arc suppression circuit for contactors & solenoid valves - D.C	100



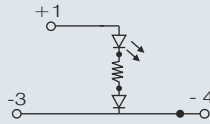
Part No.	Diode Type	Std. Pack
CF4SPD1	1N4007	50
CF4SPD2	1N5408	50
CF4SPD3	1N5820	50



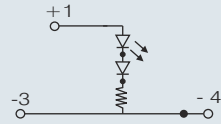
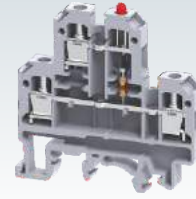
Part No.	Application	Std. Pack
CDL4UEN1	AC Voltage indicator with Neon lamp	100



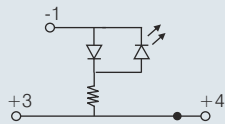
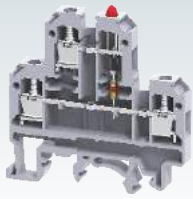
Part No.	Application	Std. Pack
CDL4UELD5	AC Voltage indicator with LED	100



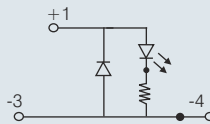
Part No.	Application	Std. Pack
CDL4UELD3	AC Voltage indicator with LED	100



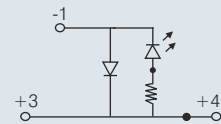
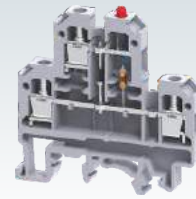
Part No.	Application	Std. Pack
CDL4UELD4	AC Voltage indicator with LED	100



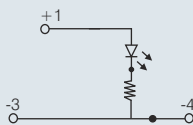
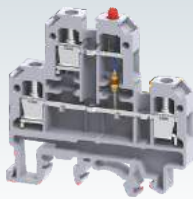
Part No.	Application	Std. Pack
CDL4UELD1	DC Voltage indicator with LED	100



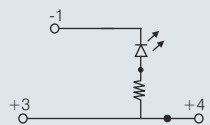
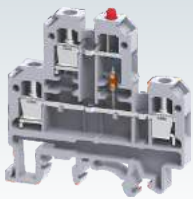
Part No.	Application	Std. Pack
CDL4UELD2	DC Voltage indicator with LED	100



Part No.	Application	Std. Pack
CDL4UEL1	DC Voltage indicator with LED	100



Part No.	Application	Std. Pack
CDL4UEL2	DC Voltage indicator with LED	100



Part No.	Application	Std. Pack
CDL4U(O)	Basic terminal for soldering electronic components	100



# SURGE SUPPRESSION TERMINAL BLOCKS

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

Note:  
CDL4U(E)SDU - For D.C. Application

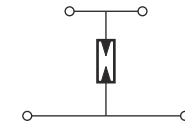
CDL4U(E)SDB - For A.C. Application

A - Anode

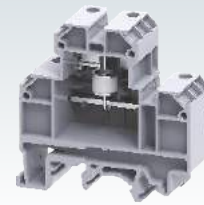
K - Cathode



SDUA - 48V, 3.2A, 400V A.C are available in SDUB type at current rating 4A.







Circuit Diagram



## CDL4UELA



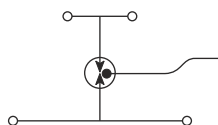
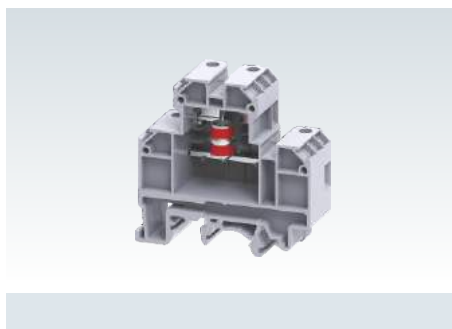
Width (Thickness) x Length	18 x 55.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	55.7 mm / 63.1 mm / 60.3 mm	
Connection Possibility as per	IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>
	Solid	0.2 - 6.0 mm <sup>2</sup>
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>
	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>
	with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>
		22 - 10 AWG
Wire Stripping Length	9 mm	
Type of Connection	4 Screw Clamps	
Rated Connection Capacity	0.5 - 4 sq.mm / 22-10 AWG	
Voltage Rating	75 V, 90 V, 230 V, 600 V, 1000 V DC	
Impulse Discharge Current	20 KA (8/20 $\mu$ s)	
Alternating Discharge Current at Hz	20 A	
Response Time	100 ms	
Normal Current	10 A	
Capacitance	< 1.5 pf	
Insulation Material / Material Group	Polyamide 6,6 / 1	
Approvals	 	

	Type / Cat. No.	Standard Pack
Terminal Block	CDL4UELA90V	32
End Plate 	EPCDL4U	50
Spacer 	CDL4USP	50
Mounting Rail (Refer Pg. 219 for details) 	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details) 	CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 224 for details) 	CA509/K2WHT	100
Screw Driver 	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

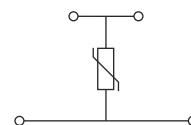
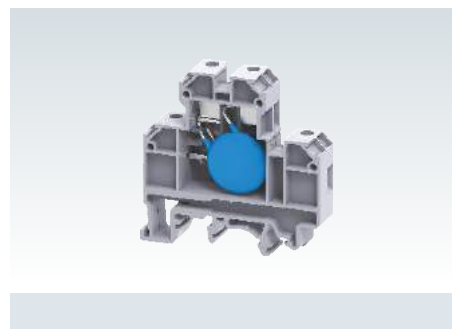


# SURGE SUPPRESSION TERMINAL BLOCKS

## CDL4UE3LA



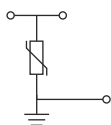
## CDL4UEMOV



Circuit Diagram

Width (Thickness) x Length	18 x 55.5 mm		12 x 55.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	55.7 mm / 63.1 mm / 60.3 mm		55.7 mm / 63.1 mm / 60.3 mm	
Connection Possibility as per	IEC	UL - CSA	IEC	UL - CSA
	With 1 Conductor per clamp	Stranded / Flexible 0.2 - 4.0 mm <sup>2</sup> Solid 0.2 - 6.0 mm <sup>2</sup> with Ferrule / Lug 0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG 22 - 10 AWG 22 - 10 AWG	0.2 - 4.0 mm <sup>2</sup> 0.2 - 6.0 mm <sup>2</sup> 0.2 - 4.0 mm <sup>2</sup>
With 2 same size Conductors per clamp	Stranded / Flexible 0.2 - 2.5 mm <sup>2</sup> with TWIN Ferrule / Lug 0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG 22 - 12 AWG	0.2 - 2.5 mm <sup>2</sup> 0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG 22 - 12 AWG
Wire Stripping Length	9 mm		9 mm	
Type of Connection	4 Screw Clamps		4 Screw Clamps	
Rated Connection Capacity	0.5 - 4 sq.mm / 22-10 AWG		0.5 - 4 sq.mm / 22-10 AWG	
Voltage Rating	90 V, 230 V, 350 V, 600 V DC		30 V, 60 V, 75 V, 130 V, 275 V, 460 V, 510 V, 625 V, 680 V A.C.	
Impulse Discharge Current	10 KA (8/20μs)		2 KA - 6.5 KA (8/20μs)	
Alternating Discharge Current at Hz	10 A			
Response Time	100 ms		< 25 ns	
Capacitance	< 1.0 pf		100 - 20000 pf	
Insulation Material / Material Group	Polyamide 6,6 / 1		Polyamide 6,6 / 1	
Approvals				
	Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block	CDL4UE3LA(90V)	32	CDL4UEMOV-30V CDL4UEMOV-60V	52 52
End Plate	EPCDL4U	50	EPCDL4U	50
Spacer	CDL4USP	50	CDL4USP	50
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)	CA702 / CA802 / CA202	50	CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 224 for details)	CA509/K2WHT	100	CA509/K2WHT	100
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

**CTLG2.5EMOV**



6 x 87.5 mm

66.0 mm / 74.0 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	22 - 14 AWG
0.2 - 4.0 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 14 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG
0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG

9 mm

3 Screw Clamps

0.5 - 2.5 sq.mm / 22-12 AWG

Upto 275 V

2 KA - 6.5 KA (8/20μs)

< 25 ns

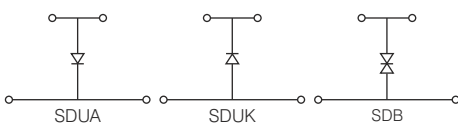
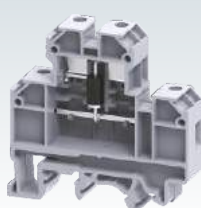
100 - 20000 pf

Polyamide 6,6 / 1



Type / Cat. No.	Standard Pack
CTLG2.5EMOV-275V	50
EPCTLG2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2GWHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

**CDL4UESD**



12 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

9 mm

4 Screw Clamps

0.5 - 4 sq.mm / 22-10 AWG

12 VDC to 48 VDC / 12 VAC to 160 VAC

1.5 KA

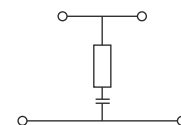
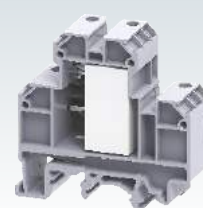
1 ns (D.C) / 5 ns (A.C)

Polyamide 6,6 / 1



Type / Cat. No.	Standard Pack
CDL4UESDUA24V	52
CDL4UESDB-160V	52
EPCDL4U	50
CDL4USP	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

**CDL4UERC**



18 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG

9 mm

4 Screw Clamps

0.5 - 4 sq.mm / 22-10 AWG

250 VAC / 630 VDC

20 A

Polyamide 6,6 / 1



Type / Cat. No.	Standard Pack
CDL4UERC0-0.1MF	32
CDL4UERC0.22MF	32
EPCDL4U	50
CDL4USP	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

## CY SERIES SCREW CLAMP TERMINAL BLOCKS



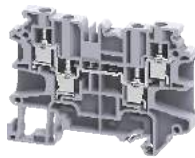
**Feed Through**

**77 - 78**



**Ground / Earth**

**79 - 80**



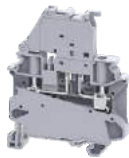
**Multiple Connection**

**81 - 82**



**Multiple Level**

**83 - 86**



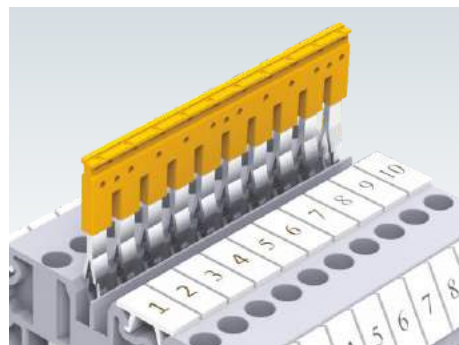
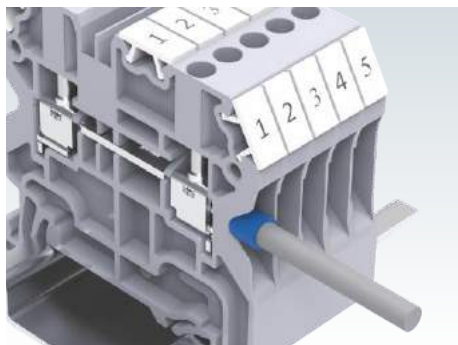
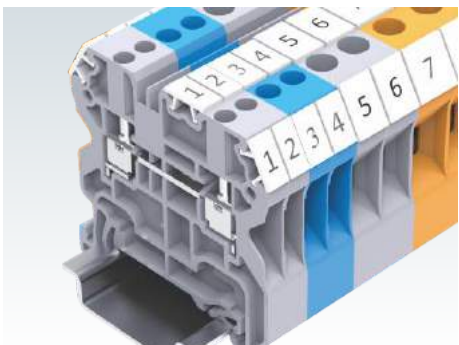
**Fuse Terminal**

**87 - 90**



**Disconnect & Test**

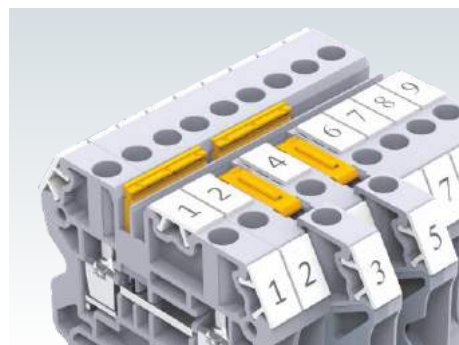
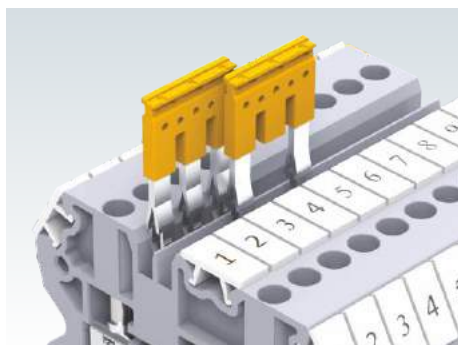
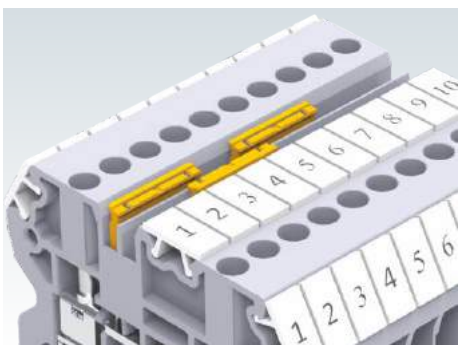
**91 - 92**



New compact CY series Terminal Blocks are applicable for space saving. These Terminal Block ranging from 0.2 to 10 sq.mm in same profile with different pitch.

A unique design in the plastic housing of the Terminal Block facilitates ease of wire entry. Wires can be used with or without ferrules / Lugs.

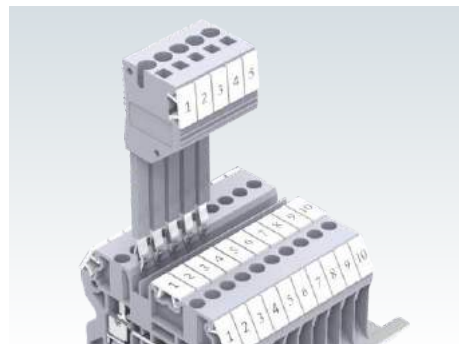
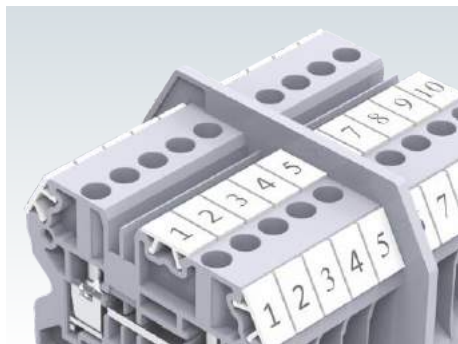
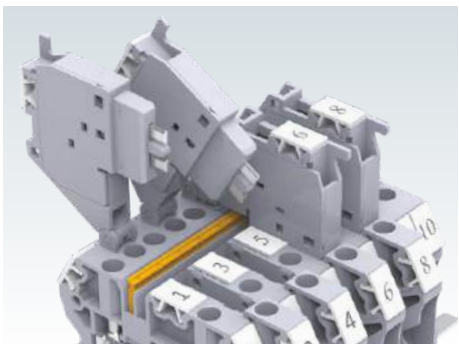
Easy to use push in jumpers for shorting Terminal Blocks are now available in 2,3,4, & 10 pole configuration



The possibility of using 2 independent rows for bridging enables the creation of various circuit combinations. Jumpers can be marked with a felt tip pen on the recess provided on top, to clearly indicate shorted positions.

Specific Terminal Blocks in an assembly can be shorted by breaking intermediate contacts from the standard jumpers.

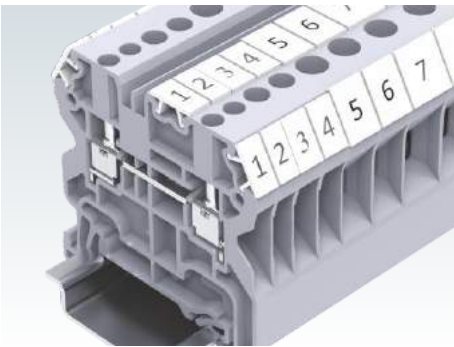
The jumper and marking tag position is aligned across different types of CY series Terminal Blocks. This facilitates shorting and marking adjacent terminals with different functionalities.



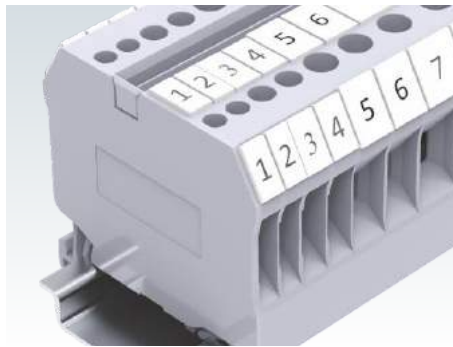
Feed through Terminal Blocks can be simultaneously shorted in an alternating configuration with fuse & Disconnecting Terminal Blocks using Push in jumpers.

Partition Plates can be individually mounted on Din rails between Terminals Blocks to provide electrical and visual separation.

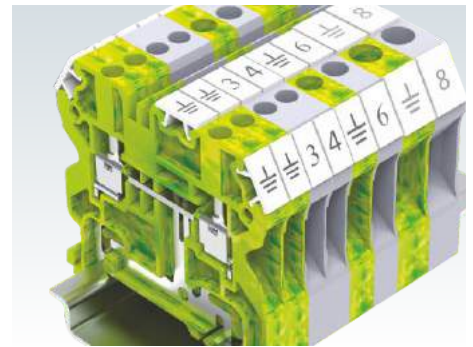
Specially designed Test Plugs are available for CY series Terminal Blocks for quick testing and measurement.



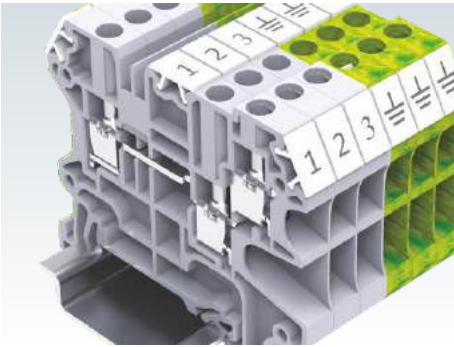
A high torque clamping system on the screw clamp Terminal Blocks ensures safe, gas tight connections. While cold forged, rolled threaded screws ensure highly reliable connections. Standard feed through are of same dimensions with difference in thickness.



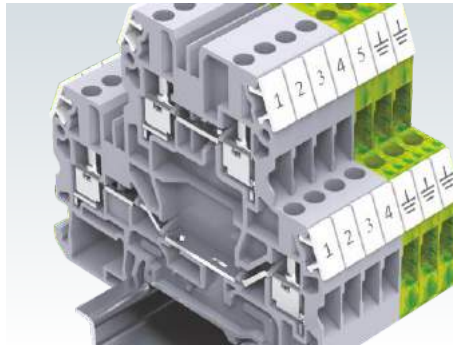
A single end plate can be used for any of the feed through terminal blocks upto 10 sq.mm wires.



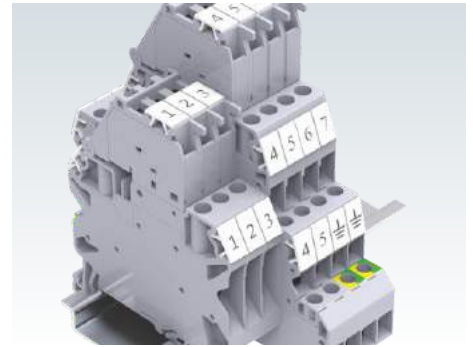
Same profile grounding terminals are clearly identified with a green-yellow housing. Their shape and thickness is identical to the Feed Trough Terminal Blocks



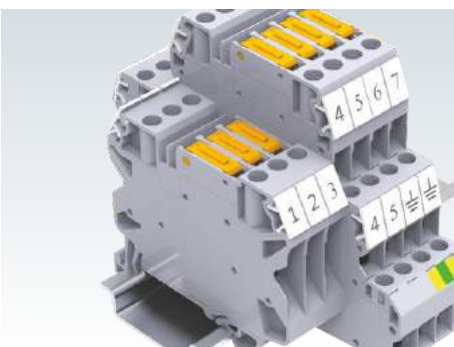
Multi connection Terminal Blocks are used for applications involving more than one same potential wires to be connected



Double level Terminal Blocks enable high density wiring. Each Level can be independently shorted to suit various applications. These Terminal Blocks are an ideal choice for space saving applications.



Universal voltage rating of 6 - 60 V & 110 - 240V is available on Fuse Terminal Blocks with offline indication. Both AC & DC circuits can be connected without any polarization requirement. Double level Terminal Blocks are an ideal choice for space saving applications.



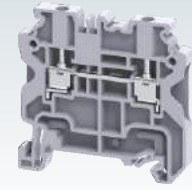
The Screw clamp knife disconnect terminal system enables isolation of circuits. A standard test plug can be used with these Terminal Blocks. Double level Terminal Blocks are an ideal choice for space saving applications.

# FEED THROUGH TERMINAL BLOCKS

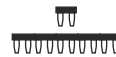
CY series screw clamp Terminal Blocks are the next generation, compact terminals. These series of Terminal Blocks have an improved 1000 V rating as per IEC guidelines. The new CY series terminals have a much wider range for wire terminations.

Cross connection of these Terminal Blocks can be done using insulated push in jumpers available in 2,3,4 and 10 pole configurations.

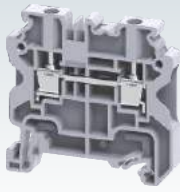
## CY2.5



Width (Thickness) x Length	5 x 50 mm				
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	49 mm / 56.5 mm				
Connection Possibility as per	IEC		UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>	24 - 14 AWG		
	Solid	0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG		
	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	24 - 14 AWG		
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.5 - 1.5 mm <sup>2</sup>	20 - 16 AWG		
Wire Stripping Length	8 mm				
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7	
Voltage	1000 V	600 V	600 V	630 V	
Current	24 A	20 A	20 A	21 A	
Torque	0.4 Nm	4.5 lb.in	4.5 lb.in	0.4 Nm	
Approval					
Insulation Material / Material Group	Polyamide 6,6 / 1				
Rated Impulse Voltage / Pollution Degree	8 KV / 3				
	Type / Cat. No.		Standard Pack		
Terminal Block	Grey	CY2.5	100		
	Blue	CY2.5BU	100		
	Ground / Earth	CYG2.5 (Refer Pg. 79 for details)	100		
End Plate		EPCY2.5/10	50		
Partition Plate		PPCY2.5/10	20		
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m		
		CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 220 for details)		CA702 / CA802 / CA103	50		
Test Plug		TX2.5	50		
Marking Tags (Refer Pg. 224 for details)		CA509/K5WHT	100		
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3.0 mm	10	
	Type / Cat. No.		Imax	Standard Pack	
Shorting Links	2 pole	JX2.5/2	24 A	100	
	3 pole	JX2.5/3	24 A	50	
	4 pole	JX2.5/4	24 A	50	
	5 pole	JX2.5/5	24 A	50	
	6 pole	JX2.5/6	24 A	10	
	7 pole	JX2.5/7	24 A	10	
	8 pole	JX2.5/8	24 A	10	
	10 pole	JX2.5/10	24 A	10	
	Step Down Shorting Links				



CY4



6 x 50 mm

49 mm / 56.5 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
32 A	30 A	30 A	28 A
0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm



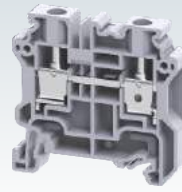
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CY4	100
CY4BU	100
CY4G (Refer Pg. 80 for details)	100
EPCY2.5/10	50
PPCY2.5/10	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.0 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

CY6



8 x 50 mm

49 mm / 56.5 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	24 - 8 AWG
0.2 - 10.0 mm <sup>2</sup>	
0.2 - 6.0 mm <sup>2</sup>	24 - 8 AWG
0.5 - 4.0 mm <sup>2</sup>	20 - 12 AWG

10 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
41 A	50 A	50 A	36 A
0.8 Nm	11 lb.in	11 lb.in	0.8 Nm



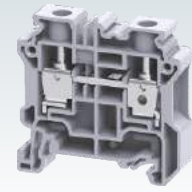
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CY6	100
CY6BU	100
CY6G (Refer Pg. 80 for details)	100
EPCY2.5/10	50
PPCY2.5/10	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JY6/2	41 A	100
JY6/2.5	24 A	20

CY10



10 x 50 mm

49 mm / 56.5 mm

IEC	UL - CSA
0.2 - 10.0 mm <sup>2</sup>	24 - 6 AWG
0.2 - 10.0 mm <sup>2</sup>	
0.2 - 10.0 mm <sup>2</sup>	24 - 6 AWG
0.5 - 6.0 mm <sup>2</sup>	

11 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
57 A	65 A	65 A	51 A
1.2 Nm	14 lb.in	14 lb.in	1.2 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CY10	50
CY10BU	50
CY10G (Refer Pg. 80 for details)	50
EPCY2.5/10	50
PPCY2.5/10	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K10WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JY10/2	57 A	20
JY10/2.5	24 A	20

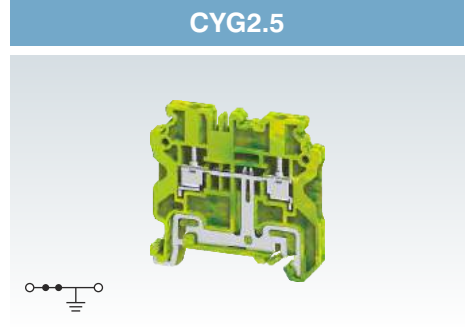
# GROUND / EARTH TERMINAL BLOCKS

CYG series are earthing Terminal Blocks with specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They are green / yellow colour coded as per industry standards.

Cross connection of these Terminal Blocks can be done using insulated push in links.

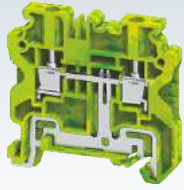
Multi connect 3 wire & 4 wire terminals eliminate reliability problems encountered when there is a need to connect multiple wires in a single Terminal Block.

		CYG2.5			
Width (Thickness) x Length		5 x 50 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		49 mm / 56.5 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>		24 - 14 AWG	
	Solid	0.2 - 4.0 mm <sup>2</sup>		24 - 12 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>		24 - 14 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.5 - 1.5 mm <sup>2</sup>		20 - 16 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-2	UL-1059	CSA22.2-158	IEC60079-7
Torque		0.4 Nm	4.5 lb.in	4.5 lb.in	0.4 Nm
Approval					
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			
		Type / Cat. No.	Standard Pack		
Terminal Block		CYG2.5	100		
End Plate		EPCY2.5/10	50		
Partition Plate		PPCY2.5/10	20		
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S	50 m		
		CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 220 for details)		CA702 / CA802 / CA103	50		
Test Plug		TX2.5	50		
Marking Tags (Refer Pg. 224 for details)		CA509/K5WHT	100		
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3.0 mm		10
		Type / Cat. No.	Imax	Standard Pack	
		2 pole	JX2.5/2	24 A	100
		3 pole	JX2.5/3	24 A	50
		4 pole	JX2.5/4	24 A	50
		5 pole	JX2.5/5	24 A	50
		6 pole	JX2.5/6	24 A	10
		7 pole	JX2.5/7	24 A	10
		8 pole	JX2.5/8	24 A	10
10 pole	JX2.5/10	24 A	10		
Step Down Shorting Links					





**CYG4**



6 x 50 mm

49 mm / 56.5 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-2 UL-1059 CSA22.2-158 IEC60079-7

0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm
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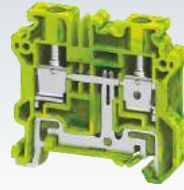
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYG4	100
EPCY2.5/10	50
PPCY2.5/10	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

**CYG6**



8 x 50 mm

49 mm / 56.5 mm

IEC	UL - CSA
0.2 - 6.0 mm <sup>2</sup>	24 - 8 AWG
0.2 - 10.0 mm <sup>2</sup>	
0.2 - 6.0 mm <sup>2</sup>	24 - 8 AWG
0.5 - 4.0 mm <sup>2</sup>	20 - 12 AWG

10 mm

IEC60947-7-2 UL-1059 CSA22.2-158 IEC60079-7

0.8 Nm	11 lb.in	11 lb.in	0.8 Nm
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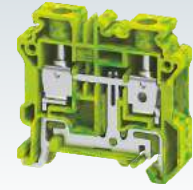
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYG6	100
EPCY2.5/10	50
PPCY2.5/10	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JY6/2	41 A	100
JYS6/2.5	24 A	20

**CYG10**



10 x 50 mm

49 mm / 56.5 mm

IEC	UL - CSA
0.2 - 10.0 mm <sup>2</sup>	24 - 6 AWG
0.2 - 10.0 mm <sup>2</sup>	
0.2 - 10.0 mm <sup>2</sup>	24 - 6 AWG
0.5 - 6.0 mm <sup>2</sup>	

11 mm

IEC60947-7-2 UL-1059 CSA22.2-158 IEC60079-7

1.2 Nm	14 lb.in	14 lb.in	1.2 Nm
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Polyamide 6,6 / 1


8 KV / 3

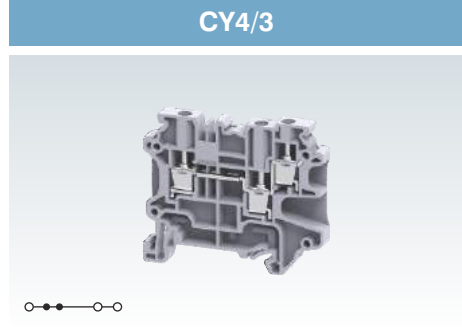
Type / Cat. No.	Standard Pack
CYG10	50
EPCY2.5/10	20
PPCY2.5/10	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K10WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10






Type / Cat. No.	I <sub>max</sub>	Standard Pack
JY10/2	57 A	20
JYS10/2.5	24 A	20

# MULTIPLE CONNECTION TERMINAL BLOCKS

CY series multi connect 3 wire & 4 wire screw clamp Terminal Blocks are used to eliminate reliability problems encountered when there is a need to connect multiple wires in a single Terminal Block.

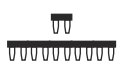
Width (Thickness) x Length	6 x 58.8 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	50.7 mm / 58.2 mm			
Connection Possibility as per	IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG	
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>	24 - 12 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG	
Wire Stripping Length	8 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7
Voltage	1000 V	600 V	600 V	630 V
Current	32 A	30 A	30 A	28 A
Torque	0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm
Approval				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			



Terminal Block	Grey Blue Ground / Earth
End Plate	
Mounting Rail (Refer Pg. 219 for details)	
End Clamp (Refer Pg. 220 for details)	
Marking Tags (Refer Pg. 224 for details)	
Screw Driver	

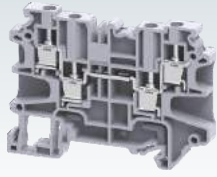
Type / Cat. No.	Standard Pack
CY4/3	50
CY4/3BU	50
CYG4/3	50
EPCY4/3	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Shorting Links	Type / Cat. No.	I <sub>max</sub>	Standard Pack
2 pole	JX4/2	32 A	100
3 pole	JX4/3	32 A	50
4 pole	JX4/4	32 A	50
5 pole			
6 pole			
7 pole			
8 pole	JX4/8	32 A	10
10 pole	JX4/10	32 A	10



Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

**CY4/4**



6 x 69.7 mm  
50.7 mm / 58.2 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7
1000 V	600 V	600 V	630 V
32 A	30 A	30 A	28 A
0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm



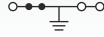
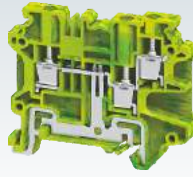
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CY4/4	50
CY4/4BU	50
CYG4/4	50
EPCY4/4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

**CYG4/3**



6 x 58.8 mm  
50.7 mm / 58.2 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-2	UL-1059	CSA22.2-158	IEC60079-7
0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm



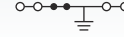
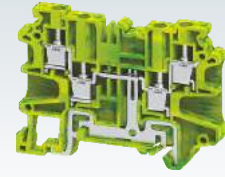
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYG4/3	50
EPCY4/3	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

**CYG4/4**



6 x 69.7 mm  
50.7 mm / 58.2 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-2	UL-1059	CSA22.2-158	IEC60079-7
0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYG4/4	50
EPCY4/4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

# MULTIPLE LEVEL TERMINAL BLOCKS

CYDL2.5 is the next generation compact double level Spring Clamp Terminal Block. This Terminal Block is used in high density wiring applications.


Interconnections / shorting is possible at both levels. This Terminal Block is suitable for 1000 V rating.

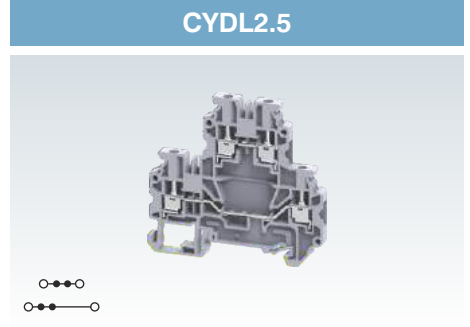
CYDL2.5(I.S) is double level internally shorted spring clamp Terminal Block. This is an ideal choice for distribution application.

CYDLG2.5 is double level Terminal Block with an additional grounding point for terminating grounding cables on the lower level of the terminal block while the top level is a standard feed through terminal block. The earth connection is made by snapping the terminal on the Din rail. This separate connection point is

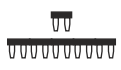
appropriately identified by the green-yellow imprint on its top.

CYDLG2.5(I.S) is double level ground Terminal Block with 4 connection points for grounding wires. It is available in a standard green yellow colour to indicate the grounding connection.

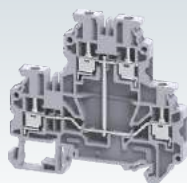
Width (Thickness) x Length		5 x 70.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		65.9 mm / 73.4 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm <sup>2</sup>		24 - 12 AWG	
	Solid	0.2 - 4.0 mm <sup>2</sup>		24 - 10 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>		24 - 12 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm <sup>2</sup>		24 - 20 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7
Voltage		1000 V	600 V	600 V	630 V
Current		24 A	20 A	20 A	21 A
Approval					
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			



	Type / Cat. No.	Standard Pack
Terminal Block	Grey	CYDL2.5 50
	Blue	CYDL2.5BU 50
	Ground / Earth	CYDLG2.5(I.S) 50
End Plate	EPCYDL2.5/4	50
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 220 for details)	CA702 / CA802 / CA103	50
Test Plug	TX2.5	50
Marking Tags (Refer Pg. 224 for details)	CA509/K5WHT	100
Screw Driver	SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

	Type / Cat. No.	I <sub>max</sub>	Standard Pack
	2 pole	JX2.5/2 24 A	100
	3 pole	JX2.5/3 24 A	50
	4 pole	JX2.5/4 24 A	50
	5 pole	JX2.5/5 24 A	50
	6 pole	JX2.5/6 24 A	10
	7 pole	JX2.5/7 24 A	10
	8 pole	JX2.5/8 24 A	10
	10 pole	JX2.5/10 24 A	10

### CYDL2.5(I.S)



5 x 70.5 mm

65.9 mm / 73.4 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

0.2 - 1.0 mm<sup>2</sup> 24 - 20 AWG

8 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
24 A	20 A	20 A	21 A



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYDL2.5(I.S)	50
EPCYDL2.5/4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
TX2.5	50
CA509/K5WHT	100
SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10

### CYDLG2.5



5 x 70.5 mm

65.9 mm / 73.4 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

0.2 - 1.0 mm<sup>2</sup> 24 - 20 AWG

8 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
24 A	20 A		21 A



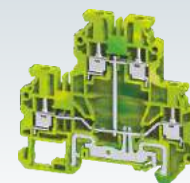
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYDLG2.5	50
EPCYDL2.5/4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
TX2.5	50
CA509/K5WHT	100
SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10

### CYDLG2.5(I.S)



5 x 70.5 mm

65.9 mm / 73.4 mm

IEC	UL - CSA
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG

0.2 - 1.0 mm<sup>2</sup> 24 - 20 AWG

8 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
24 A	20 A		



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYDLG2.5(I.S)	50
EPCYDL2.5/4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
TX2.5	50
CA509/K5WHT	100
SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10

# MULTIPLE LEVEL TERMINAL BLOCKS

CYDL4 is the next generation compact double level Spring Clamp Terminal Block. This Terminal Block is used in high density wiring applications.

Interconnections / shorting is possible at both levels. This Terminal Block is suitable for 1000 V rating.

CYDL4(I.S) is double level internally shorted spring clamp Terminal Block. This is an ideal choice for distribution application.

CYDLG4 is double level Terminal Block with an additional grounding point for terminating grounding cables on the lower level of the terminal block while the top level is a standard feed through terminal block. The earth connection is made by snapping the terminal on the Din rail. This separate connection point is

appropriately identified by the green-yellow imprint on its top.

CYDLG4(I.S) is double level ground Terminal Block with 4 connection points for grounding wires. It is available in a standard green yellow colour to indicate the grounding connection.

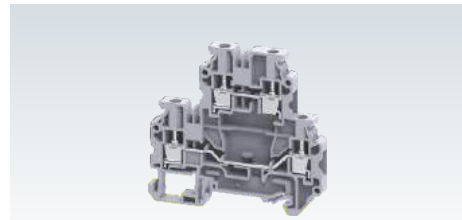
Width (Thickness) x Length		6 x 70.5 mm
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		65.9 mm / 73.4 mm
Connection Possibility as per		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>
	Solid with Ferrule / Lug	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.5 - 2.5 mm <sup>2</sup>
Wire Stripping Length		9 mm
Ratings As Per		
Voltage		1000 V    600 V    600 V    630 V
Current		32 A    30 A    30 A    28 A
Torque		0.5 Nm    4.5 lb.in    4.5 lb.in    0.5 Nm
Approval		

Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

Terminal Block		Grey Blue Ground / Earth	CYDL4 CYDL4BU CYDLG4(I.S.)	50 50 50
End Plate			EPCYDL2.5/4	50
Partition Plate			PPCYDL2.5/4	20
Mounting Rail (Refer Pg. 219 for details)			CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 220 for details)			CA702 / CA802 / CA103	50
Marking Tags (Refer Pg. 224 for details)			CA509/K6WHT	100
Screw Driver			SCS0.6/3.5    Blade size: 0.6 x 3.5 mm	10

Shorting Links		Type / Cat. No.		
Shorting Link		2 pole	JX4/2	32 A    100
		3 pole	JX4/3	32 A    50
		4 pole	JX4/4	32 A    50
		8 pole	JX4/8	32 A    10
		10 pole	JX4/10	32 A    10

## CYDL4



Width (Thickness) x Length		6 x 70.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		65.9 mm / 73.4 mm			
Connection Possibility as per		IEC			
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>			
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>			
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>			
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.5 - 2.5 mm <sup>2</sup>			
Wire Stripping Length		9 mm			
Ratings As Per		IEC60947-7-1    UL-1059    CSA22.2-158    IEC60079-7			
Voltage		1000 V	600 V	600 V	630 V
Current		32 A	30 A	30 A	28 A
Torque		0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm

Approval		CE			
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

Terminal Block		Grey Blue Ground / Earth	CYDL4 CYDL4BU CYDLG4(I.S.)	50 50 50
End Plate			EPCYDL2.5/4	50
Partition Plate			PPCYDL2.5/4	20
Mounting Rail (Refer Pg. 219 for details)			CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 220 for details)			CA702 / CA802 / CA103	50
Marking Tags (Refer Pg. 224 for details)			CA509/K6WHT	100
Screw Driver			SCS0.6/3.5    Blade size: 0.6 x 3.5 mm	10

Shorting Links		Type / Cat. No.		
Shorting Link		2 pole	JX4/2	32 A    100
		3 pole	JX4/3	32 A    50
		4 pole	JX4/4	32 A    50
		8 pole	JX4/8	32 A    10
		10 pole	JX4/10	32 A    10

**CYDL4(I.S)**



6 x 70.5 mm

65.9 mm / 73.4 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
32 A	30 A	30 A	28 A
0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm



Polyamide 6,6 / 1

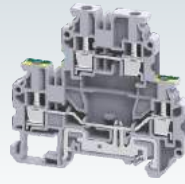
8 KV / 3

Type / Cat. No.	Standard Pack
CYDL4(I.S)	50

EPCYDL2.5/4	50
PPCYDL2.5/4	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

**CYDLG4**



6 x 70.5 mm

65.9 mm / 73.4 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
32 A	30 A	30 A	28 A
0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm



Polyamide 6,6 / 1

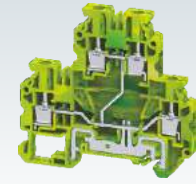
8 KV / 3

Type / Cat. No.	Standard Pack
CYDLG4	50

EPCYDL2.5/4	50
PPCYDL2.5/4	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

**CYDLG4(I.S)**



6 x 70.5 mm

65.9 mm / 73.4 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-2 UL-1059 CSA22.2-158 IEC60079-7

1000 V	600 V	600 V	630 V
32 A	30 A	30 A	28 A
0.5 Nm	4.5 lb.in	4.5 lb.in	0.5 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CYDLG4(I.S)	50

EPCYDL2.5/4	50
PPCYDL2.5/4	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA103	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

# FUSE TERMINAL BLOCKS

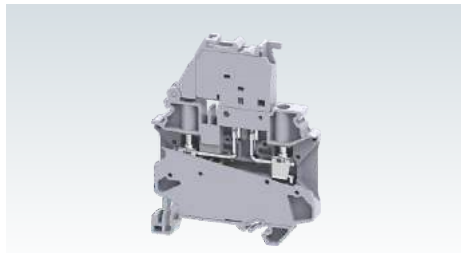
These Terminal Blocks are used in electrical and control systems which require fuse protection.

CYF4 series fuse terminals have a thickness of 6 mm with a provision for using push in shorting links. These Terminal Blocks are completely closed type and do not need separate end plate.

CYDLF4 terminal has an additional feed through connection level.

CYDLGF4 terminal has a feed through connection level along with ground connection point in addition to a standard hinged fuse carrier.

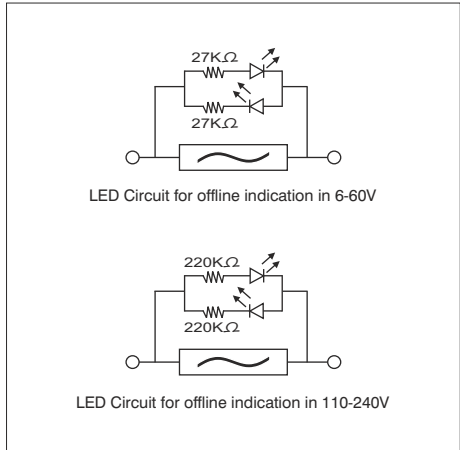
## CYF4



Width (Thickness) x Length	6 x 58.8 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	72.4 mm / 79.9 mm		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>	24 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	24 - 16 AWG
	with TWIN Ferrule / Lug	0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG
Wire Stripping Length	9 mm		
Ratings As Per	IEC60947-7-3	UL-1059	CSA22.2-158
Voltage	1000 V	600 V	600 V
Current	10 A	10 A	10 A
Torque	0.5 Nm	4.5 lb-in	4.5 lb-in
Approvals			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	6 KV / 3		
Fuse Size	Ø5 x 20, Ø5 x 25 mm		

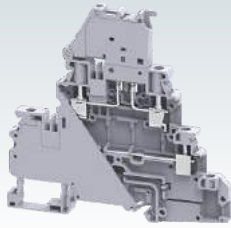
	Type / Cat. No.	Standard Pack		
Terminal Block	Grey Blue Black With LED for 6 - 60 V AC/DC With LED for 110 - 240 V AC/DC	CYF4 CYF4BU CYF4BK CYF4L6-60V CYF4L110-240V	50 50 50 50 50	
Mounting Rail (Refer Pg. 219 for details)		CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m	
End Clamp (Refer Pg. 220 for details)		CA702 / CA802	50	
Marking Tags	On Terminal On Fuse Carrier		CA509/K6WHT CA509/K6WHT	100 100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	

	Type / Cat. No.	I <sub>max</sub>	Standard Pack		
Shorting Links		2 pole	JX4/2	32 A	100
		3 pole	JX4/3	32 A	50
		4 pole	JX4/4	32 A	50
		8 pole	JX4/8	32 A	10
		10 pole	JX4/10	32 A	10





### CYDLF4



6 x 94.5 mm

90.9 mm / 98.4 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-3 UL-1059

500 V	300 V		
10 A	10 A		
32 A	30 A		
0.5 Nm	4.5 lb-in		



Polyamide 6,6 / 1

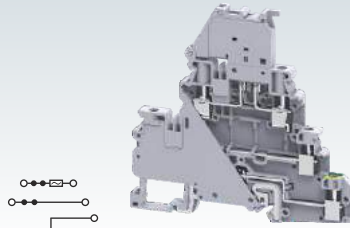
6 KV / 3

Ø5 x 20, Ø5 x 25 mm

Type / Cat. No.	Standard Pack
CYDLF4	50
CYDLF4L6-60V	50
CYDLF4L110-240V	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Imax	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

### CYDLGF4



6 x 94.5 mm

90.9 mm / 98.4 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-3 UL-1059

500 V	300 V		
10 A	10 A		
32 A	30 A		
0.5 Nm	4.5 lb-in		



Polyamide 6,6 / 1

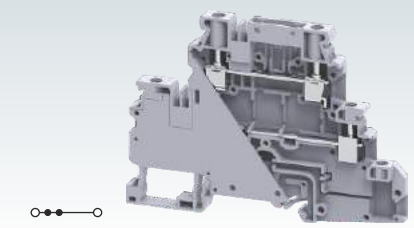
6 KV / 3

Ø5 x 20, Ø5 x 25 mm

Type / Cat. No.	Standard Pack
CYDLGF4	50
CYDLGF4L6-60V	50
CYDLGF4L110-240V	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Imax	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10

### CYDLF4FT



6 x 94.5 mm

67.6 mm / 75.1 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.5 - 2.5 mm <sup>2</sup>	24 - 14 AWG

9 mm

IEC60947-7-1 UL-1059

630 V	300 V		
10 A	10 A		
32 A	30 A		
0.5 Nm	4.5 lb-in		



Polyamide 6,6 / 1

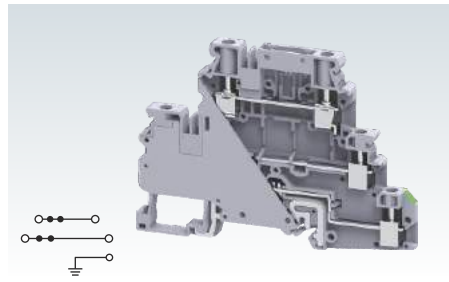
6 KV / 3

Type / Cat. No.	Standard Pack
CYDLF4FT	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

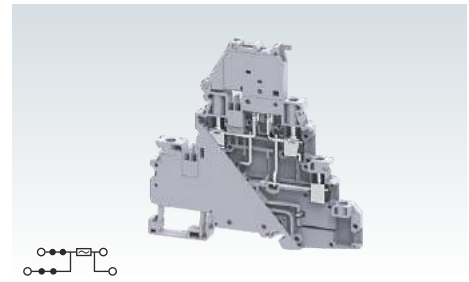
Type / Cat. No.	Imax	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	50
JX4/10	32 A	10

# FUSE TERMINAL BLOCKS

## CYDLGF4FT



## CYDLF4LR

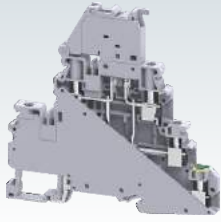
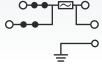


Width (Thickness) x Length	6 x 94.5 mm		6 x 94.5 mm	
Height with DIN 35 x 7.5 / 35 x 15	67.6 mm / 75.1 mm		67.6 mm / 75.1 mm	
Connection Possibility as per	IEC	UL - CSA	IEC	UL - CSA
	With 1 Conductor per clamp	Stranded / Flexible Solid with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup> 0.2 - 6.0 mm <sup>2</sup> 0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG 24 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup> 0.5 - 2.5 mm <sup>2</sup>	24 - 16 AWG 24 - 14 AWG	0.2 - 4.0 mm <sup>2</sup> 0.2 - 6.0 mm <sup>2</sup> 0.2 - 4.0 mm <sup>2</sup> 0.2 - 1.5 mm <sup>2</sup> 0.5 - 2.5 mm <sup>2</sup>
Wire Stripping Length	9 mm		9 mm	
Ratings As Per	IEC60947-7-1	UL-1059	IEC60947-7-1	UL-1059
Voltage	630 V	300 V	630 V	300 V
	Current	32 A	30 A	10 A
Torque	0.5 Nm	4.5 lb-in	0.5 Nm	4.5 lb-in
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree	6 KV / 3		6 KV / 3	

		Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block	Grey	CYDLGF4FT	50	CYDLF4LR	50
	Blue				
	Black				
	With LED for 6 - 60 V AC/DC			CYDLF4LRL6-60V	50
	With LED for 110 - 240 V AC/DC			CYDLF4LRL110-240V	50
Mounting Rail	(Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp	(Refer Pg. 220 for details)	CA702 / CA802 / CA202	50	CA702 / CA802 / CA202	50
Marking Tags	(Refer Pg. 224 for details)	CA509/K6WHT	100	CA509/K6WHT	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Shorting Links		Type / Cat. No.	I <sub>max</sub>	Standard Pack	Type / Cat. No.	I <sub>max</sub>	Standard Pack
Shorting Link	2 pole	JX4/2	32 A	100	JX4/2	32 A	100
	3 pole	JX4/3	32 A	50	JX4/3	32 A	50
	4 pole	JX4/4	32 A	50	JX4/4	32 A	50
	8 pole	JX4/8	32 A	50	JX4/8	32 A	50
	10 pole	JX4/10	32 A	10	JX4/10	32 A	10

## CYDLGF4LR



6 x 94.5 mm

67.6 mm / 75.1 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.5 - 2.5 mm <sup>2</sup>	24 - 14 AWG

9 mm

IEC60947-7-1 UL-1059

630 V	300 V		
10 A	10 A		

0.5 Nm	4.5 lb-in		
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Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CYDLGF4LR	50
CYDLGF4LRL6-60V	50
CYDLGF4LRL110-240V	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	50
JX4/10	32 A	10

# DISCONNECT & TEST TERMINAL BLOCKS

These blocks are used for measuring, control and regulatory circuits.

In CYK4 terminals, disconnection is achieved by lifting a lever which operates the knife contact.

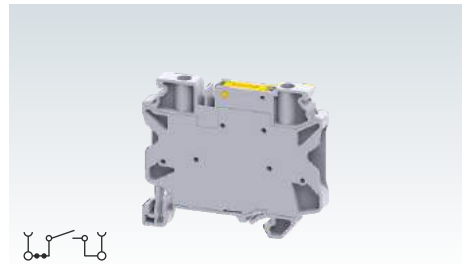
Specially designed socket headed screws act as test monitoring points in these Terminal Blocks.

Standard JX series push in jumpers can be used for interconnection.

CYDLK4 terminal is a double level disconnect Terminal Block with knife contact disconnect function at the top level and a feed through at the bottom level.

In the CYDLGK4 terminal, a grounding wire connection point is available in addition to the feed through and disconnect functionality.

## CYK4

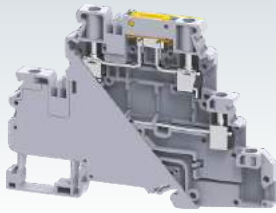


Width (Thickness) x Length	6 x 58.8 mm		
Height with DIN 35 x 7.5 / 35 x 15	51.5 mm / 56.6 mm		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
	Solid	0.2 - 6.0 mm <sup>2</sup>	
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
	Stranded / Flexible	0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
with TWIN Ferrule / Lug	0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG	
Wire Stripping Length	10 mm		
Ratings As Per	IEC60947-7-1	UL-1059	
Voltage	1000 V	600 V	
Current	28 A	26 A	
Torque	0.5 Nm	4.5 lb-in	
Approvals			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	6 KV / 3		
	<b>Type / Cat. No.</b>	<b>Standard Pack</b>	
Terminal Block	CYK4	50	
	CYK4BU	50	
Mounting Rail (Refer Pg. 219 for details)	CA701-1M / CA701-1M-S	50 m	
	CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 220 for details)	CA702 / CA802	50	
Marking Tags (Refer Pg. 224 for details)	CA509/K6WHT	100	
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	

Shorting Links		Type / Cat. No.	I <sub>max</sub>	Standard Pack
Shorting Link	2 pole	JX4/2	32 A	100
	3 pole	JX4/3	32 A	50
	4 pole	JX4/4	32 A	50
	8 pole	JX4/8	32 A	50
	10 pole	JX4/10	32 A	10

\* Shorting link current should not exceed more than Terminal Block current rating

**CYDLK4**



6 x 94.5 mm

67.6 mm / 75.1 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG
0.5 - 2.5 mm <sup>2</sup>	20 - 14 AWG

9 mm

IEC60947-7-1 UL-1059

630 V	300 V		
20 A	16 A		
32 A	30 A		
0.5 Nm	4.5 lb-in		



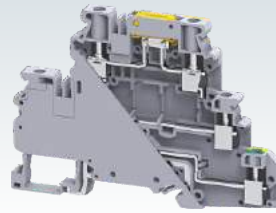
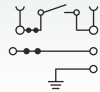
Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CYDLK4	50
CYDLK4BU	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	50
JX4/10	32 A	10

**CYDLGK4**



6 x 94.5 mm

67.6 mm / 75.1 mm

IEC	UL - CSA
0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG
0.2 - 6.0 mm <sup>2</sup>	
0.2 - 4.0 mm <sup>2</sup>	24 - 12 AWG
0.2 - 1.5 mm <sup>2</sup>	24 - 12 AWG
0.5 - 2.5 mm <sup>2</sup>	24 - 14 AWG

9 mm

IEC60947-7-1 UL-1059

630 V	300 V		
20 A	16 A		
32 A	30 A		
0.5 Nm	4.5 lb-in		



Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CYDLGK4	50
CYDLGK4BU	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	I <sub>max</sub>	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/8	32 A	50
JX4/10	32 A	10