

# CTS SERIES

## SCREW CLAMP

### TERMINAL BLOCKS

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The CTS series Screw Clamp Terminal Blocks have been used in various industrial applications for more than 40 years. It has a versatile clamping system with very high contact forces. In addition to numerous international approvals, some of these Terminal Blocks are qualified for use in hazardous locations and are certified with ATEX, IECEX, AEx and INMETRO

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Safe Wiring Zones



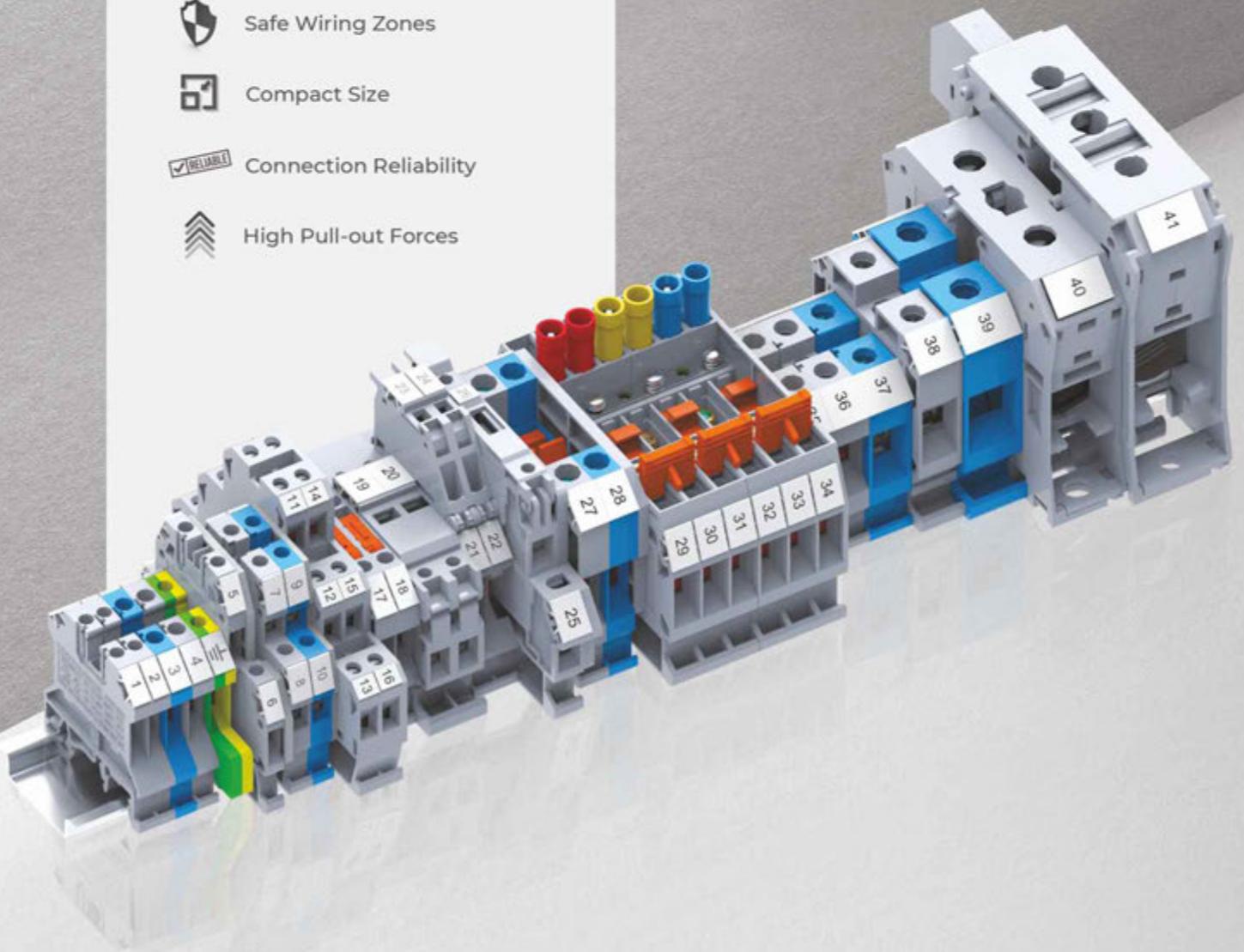
Compact Size



Connection Reliability



High Pull-out Forces



## CTS SERIES SCREW CLAMP TERMINAL BLOCKS

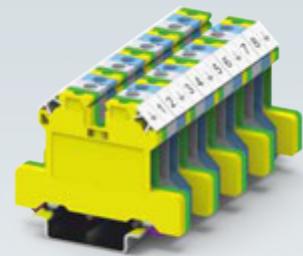
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A high torque clamping system on the Screw Clamp Terminal Blocks ensures safe, gas tight connections. Cold forged, rolled threaded screws ensure highly reliable connections.



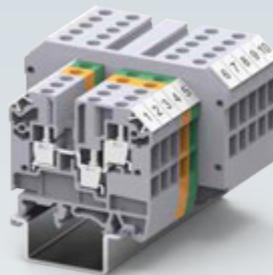
All Terminal Blocks for connecting 16mm<sup>2</sup> wires and above have a built-in integral end plate thereby covering all live parts. This ensures safe isolation for power connections.



Some profile grounding terminals are clearly identified with a green-yellow housing. Their shape and thickness is identical to the respective feed through terminal of same wire size.



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



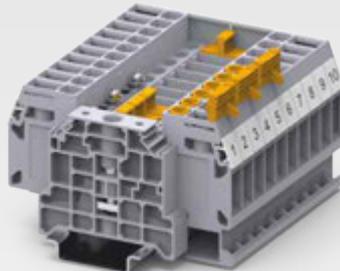
Multiple connection Terminal Blocks enable secure connection of more than one wire in a single Terminal Block.



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



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.



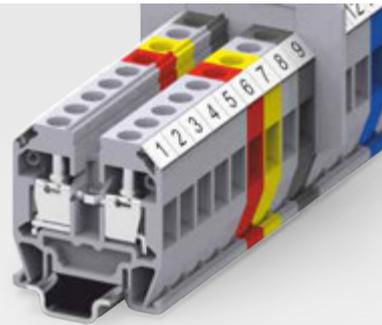
CDS6U Terminal Block system is a versatile wire connection method for current & voltage transformer and power meters. A wide range of accessories eases the testing of connected instruments.



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



CDB & CMDB series distribution blocks are an ideal choice for power and signal distribution applications. They have an IP20 rating and no additional shrouds are required.



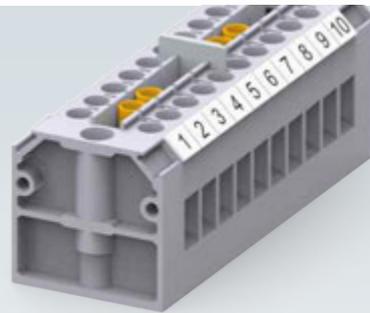
Miniature Terminal Blocks are an ideal choice for compact junction box applications. These Terminal Blocks can be mounted on DIN 15 rails.



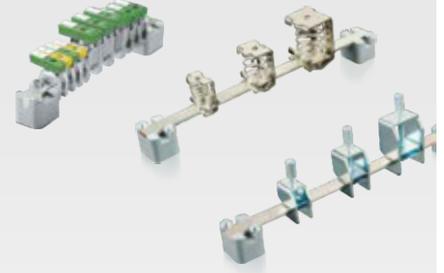
Spring Loaded Terminal Blocks are designed as per ESI standards and meet CEGB, SEC and NTPC guidelines.



CTL series Terminal Blocks can be used for connecting sensors and actuators in control systems. Standard screw type jumpers are used to create configurations for ease of voltage distribution.



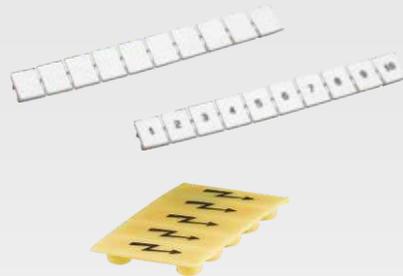
Panel mounted Terminal Blocks eliminate the need for using DIN rails. Individual terminals can be 'clicked' into each other to create specific pole configurations as per user requirements.



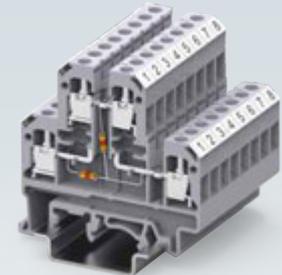
Shield connection clamps facilitate EMC continuity of shielded cables. Neutral & Earth clamps provide flexible solutions for terminating neutral & earthing wires on bus bars.



CTT series Terminal Blocks are used to terminate thermocouple wires. Different variants are available to connect 'K', 'J', 'T' and 'E' type thermocouple wires.



Standardized marking solutions are available to create clear and user friendly Terminal Block assemblies. Users can order blank or custom configured marking tags.



A wide range of functional Terminal Blocks are available with built in electronic components.

# 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 screw type jumpers.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

<b>Width (Thickness) x Length</b>		5 x 43 mm			
<b>Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail</b>		46.2 mm / 53.7 mm / 51.1 mm			
<b>Connection Possibility as per</b>		<b>IEC</b>		<b>UL - CSA</b>	
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 - 16 AWG		
	with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG		
<b>Wire Stripping Length</b>		8 mm			
<b>Ratings As Per</b>		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
<b>Voltage</b>		1000 V	600 V	600 V	690 V
<b>Current</b>		24 A	25 A	25 A	21 A
<b>Torque</b>		0.4 Nm	7 lb-in	7 lb-in	0.4 Nm
<b>Approvals</b>					
<b>Insulation Material / Material Group</b>		Polyamide 6,6 / 1			
<b>Rated Impulse Voltage / Pollution Degree</b>		8 KV / 3			
		<b>Type / Cat. No.</b>		<b>Standard Pack</b>	
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	CGT4N (Refer Pg. 152 for details)		50	
	End Plate		EP2.5/4UN		50
Partition Plate		PP2.5/4UN		50	
Separator Plate		SP2.5/4UN		100	
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S		50 m	
		CA701-15-1M / CA701-15-1M-S		25 m	
End Clamp (Refer Pg. 270 for details)		CA702 / CA802		50	
Marking Tags (Refer Pg. 274 for details)		CA509/K5WHT		100	
Marker Card (Refer Pg. 275 for details)		MC5		10	
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3.0 mm		10
<b>Jumpers</b>		<b>Uninsulated</b>	<b>Insulated</b>	<b>Imax</b>	<b>Standard Pack</b>
Screw Type Jumpers	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
	Configurable Jumper Bar	2 pole	CA703/01		24 A
3 pole		CA704/01		24 A	100
4 pole		CA705/01		24 A	100
10 pole		CA731/10		24 A	100
10 pole (Breakable)					
100 pole		CA731/100		24 A	10
Short Sleeve & Screw for configurable jumper bar		CA707/S/Q/01		100	
Switchable Jumpers		CA706/01		24 A	100
Long Sleeve & Screw for Switchable Jumpers		CA707/L/Q/01		100	
External Jumpers	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	

## CTS2.5UN



<b>Width (Thickness) x Length</b>		5 x 43 mm			
<b>Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail</b>		46.2 mm / 53.7 mm / 51.1 mm			
<b>Connection Possibility as per</b>		<b>IEC</b>		<b>UL - CSA</b>	
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 - 16 AWG		
	with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	22 - 16 AWG		
<b>Wire Stripping Length</b>		8 mm			
<b>Ratings As Per</b>		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
<b>Voltage</b>		1000 V	600 V	600 V	690 V
<b>Current</b>		24 A	25 A	25 A	21 A
<b>Torque</b>		0.4 Nm	7 lb-in	7 lb-in	0.4 Nm



<b>Insulation Material / Material Group</b>		Polyamide 6,6 / 1			
<b>Rated Impulse Voltage / Pollution Degree</b>		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	CGT4N (Refer Pg. 152 for details)	50	
	End Plate		EP2.5/4UN	50
Partition Plate		PP2.5/4UN	50	
Separator Plate		SP2.5/4UN	100	
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m	
		CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50	
Marking Tags (Refer Pg. 274 for details)		CA509/K5WHT	100	
Marker Card (Refer Pg. 275 for details)		MC5	10	
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3.0 mm	

		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers	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
	Configurable Jumper Bar	2 pole	CA703/01		24 A
3 pole		CA704/01		24 A	100
4 pole		CA705/01		24 A	100
10 pole		CA731/10		24 A	100
10 pole (Breakable)					
100 pole		CA731/100		24 A	10
Short Sleeve & Screw for configurable jumper bar		CA707/S/Q/01		100	
Switchable Jumpers		CA706/01		24 A	100
Long Sleeve & Screw for Switchable Jumpers		CA707/L/Q/01		100	
External Jumpers	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	35 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 (Refer Pg. 152 for details)	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		
MC6	10		
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
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

**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 (Refer Pg. 152 for details)	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		
MC6	10		
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
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

**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



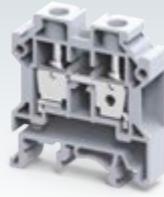
Polyamide 6,6 / 1

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 (Refer Pg. 153 for details)	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		
MC8	10		
SCS0.8/4 Blade size: 0.8 x 4 mm	10		
Uninsulated	Insulated	I <sub>max</sub>	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
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Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	47.8 mm / 55.5 mm / 52.8 mm
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Connection Possibility as per	
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With 1 Conductor per clamp	Stranded / Flexible	0.5 - 10.0 mm <sup>2</sup>
	Solid with Ferrule / Lug	0.5 - 10.0 mm <sup>2</sup>

With 2 same size Conductors per clamp	Stranded / Flexible	0.5 - 6.0 mm <sup>2</sup>
	with TWIN Ferrule / Lug	0.5 - 6.0 mm <sup>2</sup>

Wire Stripping Length	11 mm
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Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
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Voltage	1000 V	600 V	600 V	690 V
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Current	57 A	65 A	65 A	50 A
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Torque	1.2 Nm	14 lb-in	14 lb-in	1.2 Nm
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Approvals	
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Insulation Material / Material Group	Polyamide 6,6 / 1
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Rated Impulse Voltage / Pollution Degree	8 KV / 3
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Width (Thickness) x Length	10 x 43 mm
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Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	47.8 mm / 55.5 mm / 52.8 mm
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Connection Possibility as per	
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With 1 Conductor per clamp	Stranded / Flexible	0.5 - 10.0 mm <sup>2</sup>
	Solid with Ferrule / Lug	0.5 - 10.0 mm <sup>2</sup>

With 2 same size Conductors per clamp	Stranded / Flexible	0.5 - 6.0 mm <sup>2</sup>
	with TWIN Ferrule / Lug	0.5 - 6.0 mm <sup>2</sup>

Wire Stripping Length	11 mm
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Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
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Voltage	1000 V	600 V	600 V	690 V
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Current	57 A	65 A	65 A	50 A
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Torque	1.2 Nm	14 lb-in	14 lb-in	1.2 Nm
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Approvals	
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Insulation Material / Material Group	Polyamide 6,6 / 1
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Rated Impulse Voltage / Pollution Degree	8 KV / 3
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Width (Thickness) x Length	12 x 43 mm
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Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	47.8 mm / 55.5 mm / 52.8 mm
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Connection Possibility as per	
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With 1 Conductor per clamp	Stranded / Flexible	0.2 - 16.0 mm <sup>2</sup>
	Solid with Ferrule / Lug	0.2 - 16.0 mm <sup>2</sup>

With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 10.0 mm <sup>2</sup>
	with TWIN Ferrule / Lug	0.2 - 10.0 mm <sup>2</sup>

Wire Stripping Length	12 mm
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Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
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Voltage	1000 V	600 V	600 V	690 V
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Current	76 A	85 A	70 A	66 A
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Torque	1.2 Nm	14 lb-in	14 lb-in	2.0 Nm
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Approvals	
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Insulation Material / Material Group	Polyamide 6,6 / 1
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Rated Impulse Voltage / Pollution Degree	8 KV / 3
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Type / Cat. No.	Standard Pack
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Terminal Block	Grey	CTS10U	100
	Blue	CTS10UBU	100
	Red	CTS10UR	100
	Yellow	CTS10UY	100
	Black	CTS10UBK	100
	Green	CTS10UGN	100
	Orange	CTS10UO	100
	White	CTS10UW	100
	Ground / Earth	CGT10N (Refer Pg. 154 for details)	50

End Plate	EP6/10U	50
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Partition Plate	PP6/10U	50
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Separator Plate	SP6/10U	100
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Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m

End Clamp (Refer Pg. 270 for details)	CA702 / CA802	50
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Marking Tags (Refer Pg. 274 for details)	CA509/K10WHT	100
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Marker Card (Refer Pg. 275 for details)	MC10	10
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Screw Driver	SCS0.8/4 Blade size: 0.8 x 4 mm	10
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Type / Cat. No.	Standard Pack
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Terminal Block	CTS16U	50	
	CTS16UBU	50	
	CTS16UR	50	
	CTS16UY	50	
	CTS16UBK	50	
	CTS16UGN	50	
	Ground / Earth	CGT16N (Refer Pg. 154 for details)	50

End Plate		
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Partition Plate		
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Separator Plate	SP6/10U	100
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Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m

End Clamp (Refer Pg. 270 for details)	CA702 / CA802	50
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Marking Tags (Refer Pg. 274 for details)	CA509/K12WHT	100
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Marker Card (Refer Pg. 275 for details)	MC12	10
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Screw Driver	SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10
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Jumpers	Uninsulated	Insulated	Imax	Standard Pack
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Screw Type Jumpers	2 pole	CA724/2	CA744/2	57 A	100
	3 pole	CA724/3	CA744/3	57 A	50
	4 pole	CA724/4	CA744/4	57 A	50
	10 pole	CA724/10	CA744/10	57 A	10

Configurable Jumper Bar	2 pole	CA703/3		57 A	100
	3 pole	CA704/3		57 A	100
	4 pole	CA705/3		57 A	100
	10 pole	CA734/10		57 A	100

Short Sleeve & Screw for configurable jumper bar	CA707/S/Q/1			100
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Switchable Jumpers	CA706/3		57 A	100
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Long Sleeve & Screw for Switchable Jumpers	CA707/L/Q/1			100
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External Jumpers	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
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Jumpers	Uninsulated	Insulated	Imax	Standard Pack
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Screw Type Jumpers	2 pole	CA751/2	CA761/2	65 A	50
	3 pole	CA751/3	CA761/3	65 A	50
	4 pole	CA751/4	CA761/4	65 A	50
	10 pole	CA751/10	CA761/10	65 A	10

Configurable Jumper Bar	2 pole	CA703/8		65 A	100
	3 pole	CA704/8		65 A	100
	4 pole	CA705/8		65 A	100
	10 pole	CA739/10		65 A	100

Short Sleeve & Screw for configurable jumper bar	CA707/S/Q/1			100
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Switchable Jumpers				
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Long Sleeve & Screw for Switchable Jumpers				
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External Jumpers				
		CA719/10	76 A	20

Test Socket	CA707/TS/05			100
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**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	150 A	109 A
2.5 Nm	50 lb-in	50 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 (Refer Pg. 155 for details) 20

PP35UN 50

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

CA702 / CA802 50

CA509/K16WHT 100

MC16 10

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

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

CA707/TS/06 100

**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	150 A
3 Nm	50 lb-in	50 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 (Refer Pg. 155 for details) 20

PP35UN 50

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

CA702 / CA802 50

CA509/K16WHT 100

MC16 10

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

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

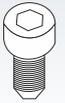
CA707/TS/06 100

# 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	Stranded / Flexible with Ferrule / Lug	IEC	UL - CSA		IEC	UL - CSA		
		10.0 - 70.0 mm <sup>2</sup>	8 - 2/0 AWG		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		
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	Type / Cat. No.	Standard Pack
Terminal Block	Grey	CTS50/70N	20	CTS50/70NA	20
	Blue	CTS50/70NBU	20	CTS50/70NABU	20
	Red	CTS50/70NR	20	CTS50/70NAR	20
	Yellow	CTS50/70NY	20	CTS50/70NAY	20
	Black	CTS50/70NBK	20	CTS50/70NABK	20
	Green	CTS50/70NGN	20	CTS50/70NAGN	20
	Ground / Earth	CGT50/70N (Refer Pg. 155 for details)	20	CGT50/70N (Refer Pg. 155 for details)	20
Auxiliary / Pick Off Terminal		AUX6	10	AUX6	10
Mounting Rail (Refer Pg. 269 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. 270 for details)		CA202 / CA102	50	CA202 / CA102	50
Marking Tags (Refer Pg. 274 for details)		CA509/K16WHT	100	CA509/K16WHT	100
Marker Card (Refer Pg. 275 for details)		MC16	10	MC16	10

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

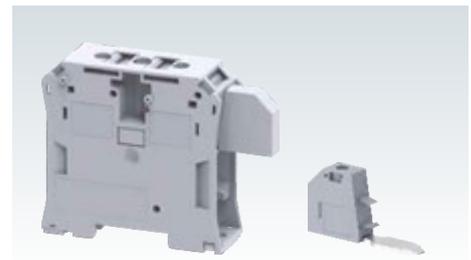
Type / Cat. No.	Standard Pack
CTS95/120N	10
CTS95/120NBU	10
CTS95/120NR	10
CTS95/120NY	10
CTS95/120NBK	10
CTS95/120NGN	10

AUX6	10
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA202 / CA102	50
CA509/K16WHT	100
MC16	10

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

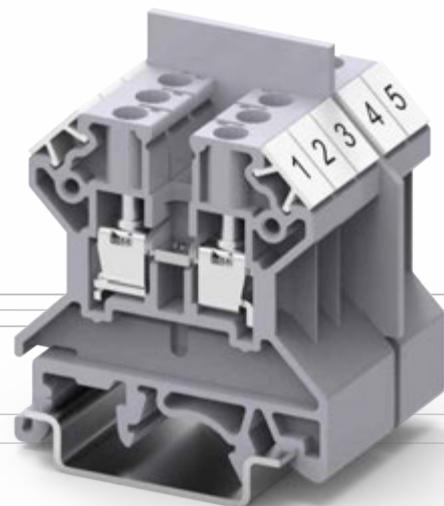
Voltage	1000 V	600 V	600 V	630 V
Current	41 A	50 A	50 A	36 A
Torque	0.8 Nm	14 lb-in	14 lb-in	0.8 Nm

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

Auxiliary Terminal

Type / Cat. No.	Standard Pack	Suitable For
AUX6	10	CTS50/70N CTS50/70NA CTS95/120N
CA509/K8WHT	100	AUX6

Marking Tag

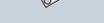
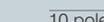


# MULTIPLE CONNECTION TERMINAL BLOCKS

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 and is available in standard Green-Yellow colour.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

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					
End Plate		EPCMC1-2	50		
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m		
		CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50		
Marking Tags (Refer Pg. 274 for details)		CA509/K6WHT	100		
Marker Card (Refer Pg. 275 for details)		MC6	10		
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10
Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers		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
Configurable Jumper Bar		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
Short Sleeve & Screw for configurable jumper bar		CA707/S/Q/01	100		
External Jumpers			CA713/2	30 A	100
			CA713/3	30 A	100
			CA713/4	30 A	100
			CA713/10	30 A	20
Test Socket		CA707/TS/01	100		

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



# 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		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>					
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	24 - 12 AWG				
	Stranded / Flexible with TWIN Ferrule / Lug	0.2 - 1.5 mm <sup>2</sup>	24 - 16 AWG				
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				
Terminal Block		With Stackable Function					
End Plate			Front Side Back Side				
Mounting Rail		(Refer Pg. 269 for details)					
End Clamp		(Refer Pg. 270 for details)					
Marking Tags		(Refer Pg. 274 for details)					
Marker Card		(Refer Pg. 275 for details)					
Screw Driver							
Jumpers		Type / Cat. No.	I <sub>max</sub>	Standard Pack			
Pluggable Jumpers 		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		
		Test Plug		TX2.5	20		



**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
MC5	10
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
TX2.5		20

**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
MC5	10
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
TX2.5		20

**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
MC5	10
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
TX2.5		20

**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	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	IEC 60079-7
Voltage	800 V	600 V	600 V	550 V
	Current	32 A	35 A	35 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	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	IEC 60079-7
Voltage	800 V	600 V	600 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			

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	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	CDLG4(I.S) (Refer Pg. 146 for details)	100
	End Plate		EPCDL4UN
Separator Plate		SPCDL4U	100
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 274 for details)		CA509/K6WHT	100
Marker Card (Refer Pg. 275 for details)		MC6	10
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	CDLG4(I.S) (Refer Pg. 146 for details)	100
	End Plate		EPCDL4UN
Separator Plate		SPCDL4U	100
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 274 for details)		CA509/K6WHT	100
Marker Card (Refer Pg. 275 for details)		MC6	10
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack	
Screw Type Jumpers		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
Configurable Jumper Bar		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 configurable jumper bar		CA707/S/Q/01			100	
External Jumpers		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			100	

Jumpers		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack	
Screw Type Jumpers		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
Configurable Jumper Bar		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 configurable jumper bar		CA707/S/Q/01			100	
External Jumpers		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			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 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	24 - 12 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 2 same size Conductors per clamp	Stranded / Flexible 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	100
End Plate	EPCDLG2.5	50
Separator Plate	SPCDLG2.5	100
Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)	CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 274 for details)	CA509/K2GWHT	100
Marker Card (Refer Pg. 275 for details)	MC2	10
Screw Driver	SCS0.5/3 Blade size: 0.5 x 3 mm	10

	Type / Cat. No.	Standard Pack
Terminal Block	CTL2.5U	50
End Plate	EPCTL2.5U	50
Separator Plate	SPCTL2.5U	100
Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)	CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 274 for details)	CA509/K2GWHT	100
Marker Card (Refer Pg. 275 for details)	MC2	10
Screw Driver	SCS0.5/3 Blade size: 0.5 x 3 mm	10

Jumpers	Type / Cat. No.	I <sub>max</sub>	Standard Pack
Screw Type Jumpers	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 CA627/100	24 A	10
Jumper Bar	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
	100 pole CA732/100	24 A	10
Short Sleeve & Screw for configurable jumper bar	CA611/S/Q		100
External Jumpers	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	

Jumpers	Type / Cat. No.	I <sub>max</sub>	Standard Pack
Screw Type Jumpers	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
Jumper Bar	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
	100 pole CA732/100	24 A	10
Short Sleeve & Screw for configurable jumper bar	CA707/S/Q/01		100
External Jumpers	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	

**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

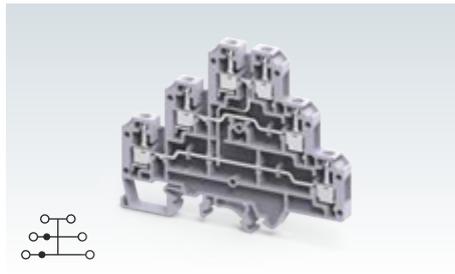
4 KV / 3

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
MC2	10
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
MC2	10
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

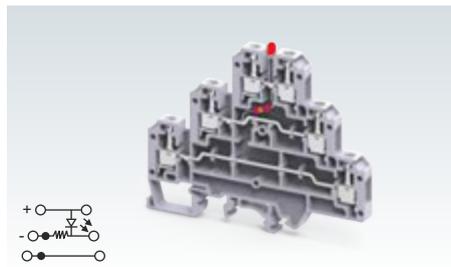
4 KV / 3

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
MC2	10
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		
	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		
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	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							
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. 269 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. 270 for details)	CA702 / CA802 / CA202	50		CA702 / CA802 / CA202	50		
Marking Tags (Refer Pg. 274 for details)	CA509/K2WHT	100		CA509/K2WHT	100		
Marker Card (Refer Pg. 275 for details)	MC2	10		MC2	10		
Screw Driver	SCS0.5/3	Blade size: 0.5 x 3 mm		SCS0.5/3	Blade size: 0.5 x 3 mm		
	Type / Cat. No.	Imax	Standard Pack	Type / Cat. No.	Imax	Standard Pack	
Screw Type Jumpers	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
Jumper Bar	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 configurable jumper bar	CA707/S/Q/01	100		CA707/S/Q/01	100		
External Jumpers	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

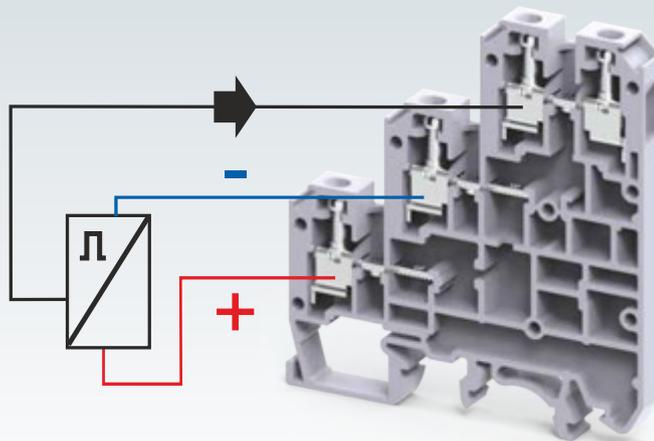
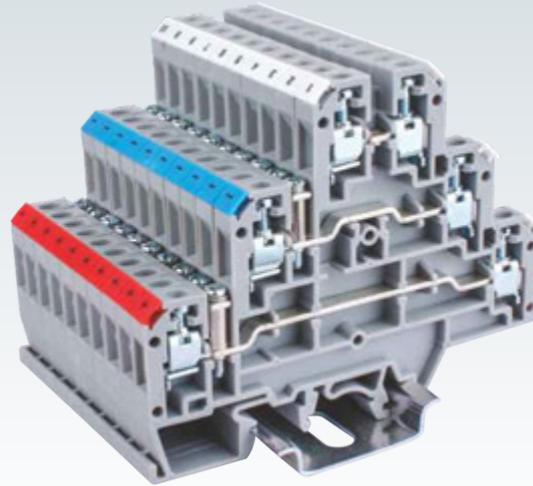
Type / Cat. No.	Standard Pack
CTLG2.5	50
EPCTLG2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2GWHT	100

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

CTSG & CGT series Terminal Blocks are used for terminating Grounding / Earthing wires. They are green-yellow colour coded as per industry standards.

CTSG2.5 & CTSG4 are of the same profile with CTS2.5UN & CTS4UN feed through terminals respectively. These terminals can be directly snapped on the Din Rail Terminal Blocks.

CGT4N, CGT6N, CGT10N, CGT16N & CGT50/70N 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, 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 - 197) Terminal Blocks.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

## CTSG2.5



Width (Thickness) x Length	5 x 45.7 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	45.8 mm / 53.3 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 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>	22 - 12 AWG
	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			
Torque			
Torque at Center Screw	0.4 Nm	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	CTSG2.5	50
End Plate 		
Mounting Rail (Refer Pg. 269 for details) 	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
Marking Tags (Refer Pg. 274 for details) 	CA509/K5WHT	100
Marker Card (Refer Pg. 275 for details)	MC5	10
Screw Driver 	SCS0.5/3 Blade size: 0.5 x 3 mm	10

**CTSG4**



6 x 45.7 mm  
45.8 mm / 53.3 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

0.5 Nm    7 lb-in



Polyamide 6,6 / 1  
8 KV / 3

**CGT4N**



6 x 54.5 mm  
47.0 mm / 54.4 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

8 mm

IEC60947-2    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

**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

IEC60947-2    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
CTSG4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA509/K6WHT	100
MC6	10
SCS0.6/3.5    Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
CGT4N	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA509/K6WHT	100
MC6	10
SCS0.6/3.5    Blade size: 0.6 x 3.5 mm	10

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
MC6	10
SCS0.6/3.5    Blade size: 0.6 x 3.5 mm	10

# GROUND / EARTH TERMINAL BLOCKS

CGT series Terminal Blocks are used for terminating Grounding / Earthing wires. They are green-yellow colour coded as per industry standards.

CGT4N, CGT6N, CGT10N, CGT16N & CGT50/70N 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, 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 - 197) Terminal Blocks.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

Width (Thickness) x Length		8 x 54.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		48.2 mm / 55.8 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 6.0 mm <sup>2</sup>	22 - 8 AWG
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>	22 - 8 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 - 4.0 mm <sup>2</sup>	22 - 10 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-2	UL-1059 CSA22.2-158 IEC 60079-7
Torque		1.6 Nm	14 lb-in 14 lb-in 0.8 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	

## CGT6N



Terminal Block	
Mounting Rail (Refer Pg. 269 for details)	
Marking Tags (Refer Pg. 274 for details)	
Marker Card (Refer Pg. 275 for details)	
Screw Driver	

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
MC8	10
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>	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

**CGT10U**



10 x 45 mm  
51.0 mm / 58.2 mm / 55.7 mm

IEC	UL - CSA
0.2 - 10.0 mm <sup>2</sup>	16 - 8 AWG
0.2 - 10.0 mm <sup>2</sup>	16 - 8 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
0.5 Nm	4.5 lb-in	4.5 lb-in	



Polyamide 6,6 / 1

8 KV / 3

**CGT16N**



12 x 55 mm  
48.5 mm / 56.0 mm

IEC	UL - CSA
0.2 - 16.0 mm <sup>2</sup>	20 - 4 AWG
0.2 - 16.0 mm <sup>2</sup>	20 - 4 AWG
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG
0.2 - 10.0 mm <sup>2</sup>	20 - 6 AWG

12 mm

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

1.6 Nm	14 lb-in	14 lb-in	2.0 Nm
1.6 Nm	14 lb-in	14 lb-in	



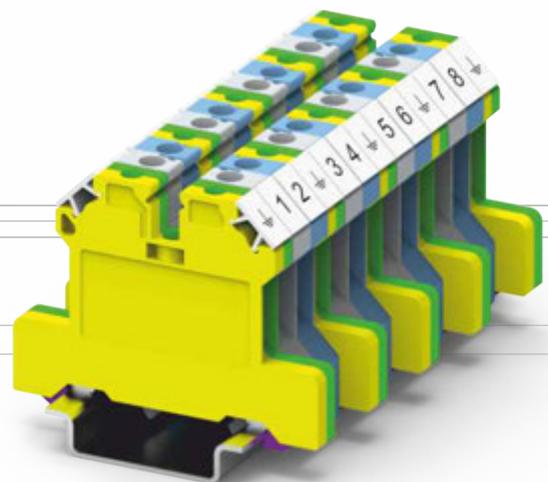
Polyamide 6,6 / 1

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
MC10	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Standard Pack
CGT10U	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/K10WHT	100
MC10	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Standard Pack
CGT16N	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA509/K12WHT	100
MC12	10
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

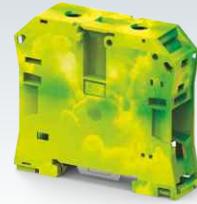


# GROUND / EARTH TERMINAL BLOCKS

## CGT35U



## CGT50/70N



Width (Thickness) x Length	16 x 58 mm				20 x 77 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	63.2 mm / 70.5 mm / 68.0 mm				71.1 mm / 78.1 mm			
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA	
	4.0 - 35.0 mm <sup>2</sup>		8 - 2 AWG		10.0 - 70.0 mm <sup>2</sup>		8 - 2 AWG	
With 1 Conductor per clamp	Stranded / Flexible		8 - 2 AWG		10.0 - 70.0 mm <sup>2</sup>		8 - 2 AWG	
	Solid with Ferrule / Lug		8 - 2 AWG		10.0 - 70.0 mm <sup>2</sup>		8 - 2 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible		8 - 4 AWG		10.0 - 35.0 mm <sup>2</sup>		8 - 2 AWG	
	with TWIN Ferrule / Lug		8 - 4 AWG		10.0 - 35.0 mm <sup>2</sup>		8 - 2 AWG	
Wire Stripping Length	15 mm				22 mm			
Ratings As Per	IEC60947-2	UL-1059	CSA22.2-158	IEC 60079-7	IEC60947-2	UL-1059	CSA22.2-158	
Torque	2.8 Nm	25 lb-in	25 lb-in	2.5 Nm	3.0 Nm	38 lb-in	38 lb-in	
Torque at Center Screw	1.2 Nm	10 lb-in	10 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	CGT35U	20	CGT50/70N CGT50/70NA	20 20
Mounting Rail (Refer Pg. 269 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. 274 for details)	CA509/K16WHT	100	CA509/K16WHT	100
Marker Card (Refer Pg. 275 for details)	MC16	10	MC16	10
Screw Driver	SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10	SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

## 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

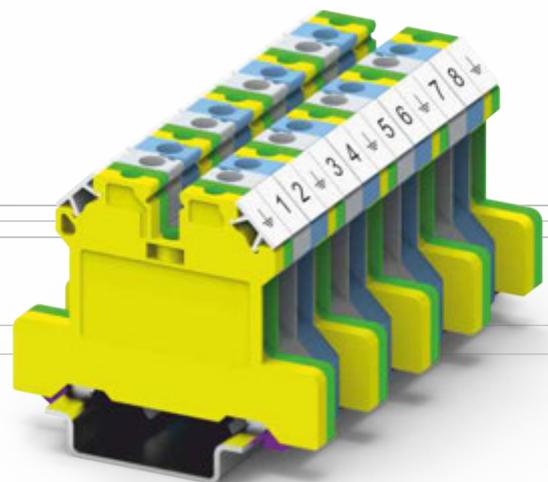
0.8 Nm	7 lb-in	7 lb-in	0.5 Nm
0.4 Nm	3.6 lb-in	3.6 lb-in	



Polyamide 6,6 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CGMT4	100
CA601	100 m
CA509/K2WHT	100
MC2	10
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.

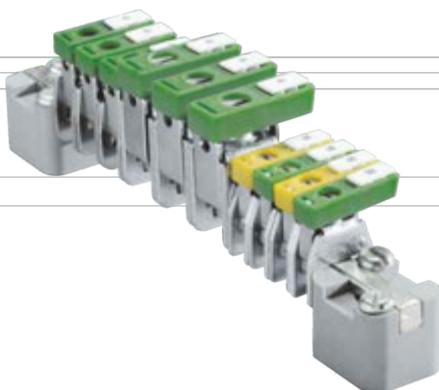
Width (Thickness) x Length		7.5 x 23.3 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail			
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	10.0 mm <sup>2</sup>	22 - 12 AWG
	Solid with Ferrule / Lug	10.0 mm <sup>2</sup>	22 - 10 AWG
With 2 same size Conductors 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. 274 for details)		CA509/K5WHT	100
Marker Card (Refer Pg. 275 for details)		MC5	10
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.

## CENC4



## 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 I<sub>max.</sub>: 140 A 10

NEB10 I<sub>max.</sub>: 120 A 10

NES 50

CA202 50

CA509/K6WHT 100

MC6 10

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 I<sub>max.</sub>: 140 A 10

NEB10 I<sub>max.</sub>: 120 A 10

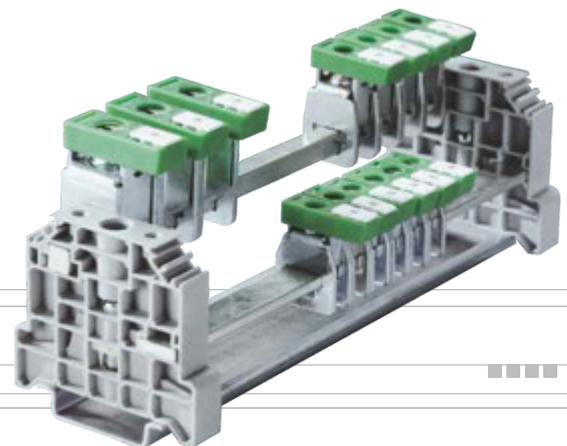
NES 50

CA202 50

CA509/K6WHT 100

MC6 10

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 available 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.



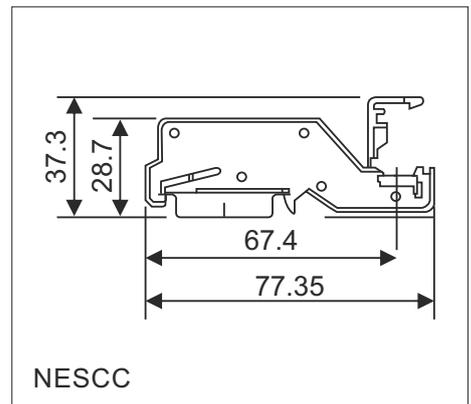
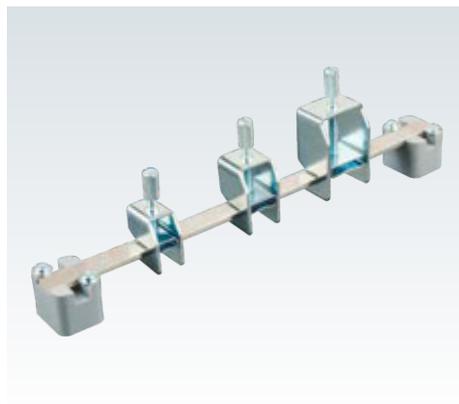
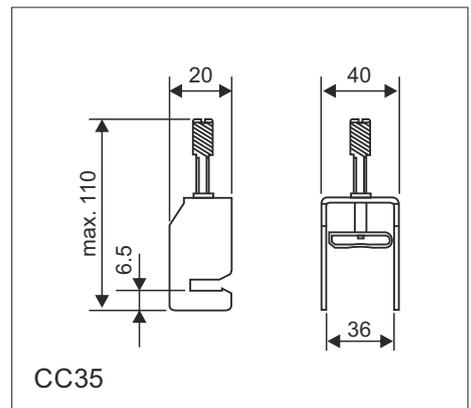
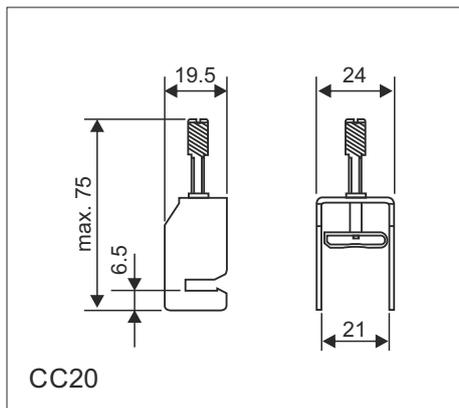
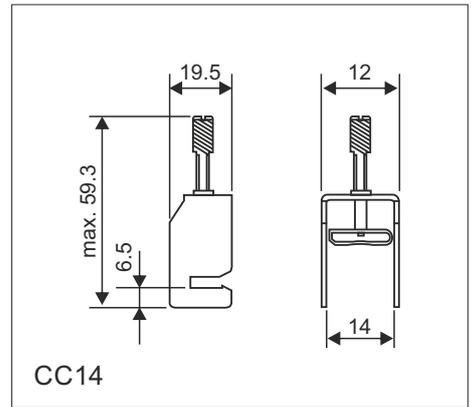
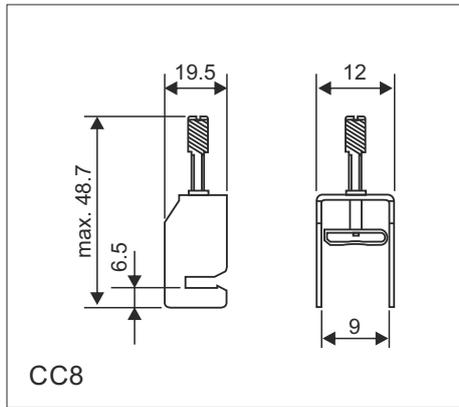
Type of Mounting Bus bar mounting screw type shield connectors

Shield connection clamps for cable size
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(W) X 3(T) mm	NEB10 I <sub>max</sub> : 120A	10
Mounting Support (Panel Mount)	NES	50
Mounting Support (Din 35 Rail Mounting)	NESCC	20

NEB10 I <sub>max</sub> : 120A	10
NES	50
NESCC	20



# SPRING TYPE SHIELD CONNECTION CLAMPS

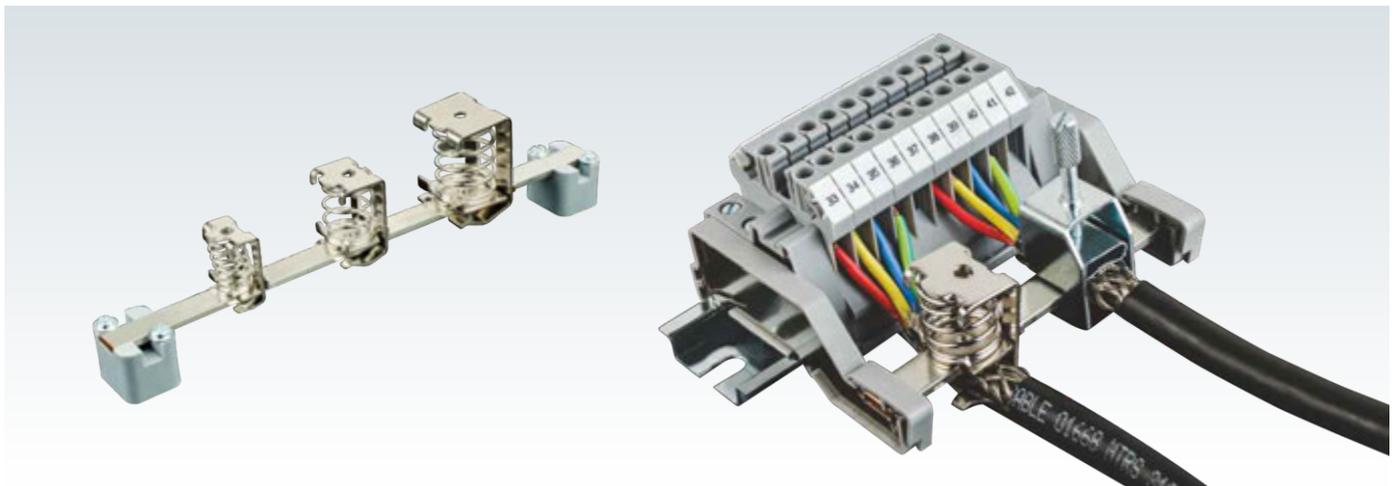
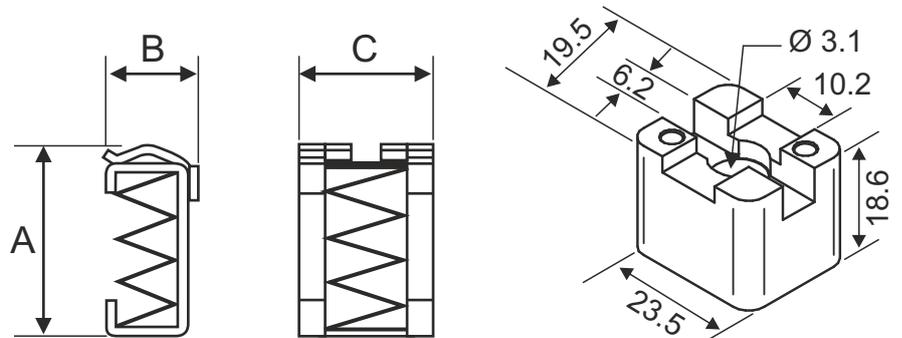
The electromagnetic compatibility of electrical machines and installations has become a very important aspect. Spring shield connection clamps CCS series are available in a wide range for cable and conductor sizes from diameters 2 to 32 mm.



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(W) X 3(T) 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







# DOUBLE LEVEL FUSE TERMINAL BLOCKS

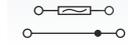
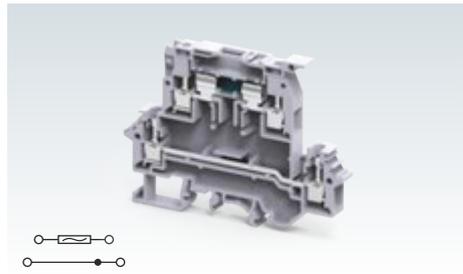
These blocks have a fuse carrier on the top level and a separate feed through terminal connection at the lower level. This eliminates the use of additional feed through Terminal Blocks.

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.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

## DDFL4U

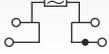


Width (Thickness) x Length		8 x 88 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		67.4 mm / 74.3 mm / 71.4 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm <sup>2</sup>	22 - 10 AWG	
	Solid	0.2 - 6.0 mm <sup>2</sup>		
	with Ferrule / 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	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. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802 / CA202	50
Marking Tags	On Terminal	CA509/K8WHT	100
	Continuous Tag	CA509/K2WHT	100
Marker Card	On Terminal	MC8	10
	Continuous Tag	MC2	10
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers		Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
Screw Type Jumpers		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
External Jumpers			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
MC8	10
MC2	10
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 receptacles for test probes 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 screw type jumpers for cross connection.

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

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

CKT6U terminals have the same outer profile of CTS6U feed through terminals.

CKT4UH & CKT6U terminals have an extended tab on the disconnecting blade which facilitates tool less operation of the disconnecting contact.

CKT6U terminal has the same profile as that of CTS6U & CTS10U feed through terminals.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

## 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 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		
Voltage	800 V	600 V	600 V		
Current	28 A	35 A	16 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				
	Type / Cat. No.		Standard Pack		
Terminal Block	With Standard Slotted Screw	CKT4U/S	50		
	With Socket Headed Screw - Grey	CKT4U	50		
	With Socket Headed Screw - Blue	CKT4UBU	50		
	Disconnecting knife with Pull Tab	CKT4UH	50		
End Plate		EPCKT4U	50		
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m		
		CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50		
Marking Tags (Refer Pg. 274 for details)		CA509/K6WHT	100		
Marker Card (Refer Pg. 275 for details)		MC6	10		
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		
<b>Jumpers</b>					
Screw Type Jumpers		2 pole			
		3 pole			
		4 pole			
		10 pole			
External Jumpers		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

**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



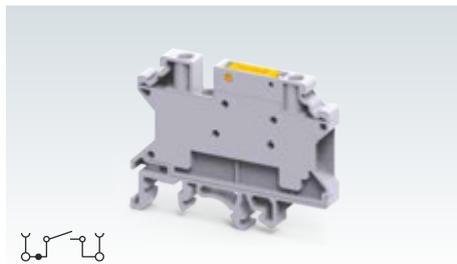
Polyamide 6,6 / 1  
8 KV / 3

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

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
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I <sub>max</sub>	Standard Pack
	CA714/2 <sup>#</sup>	32 A	100
	CA714/3 <sup>#</sup>	32 A	100
	CA714/4 <sup>#</sup>	32 A	100
	CA714/10 <sup>#</sup>	32 A	20

**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

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
MC6	10
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
	CA714/2	32 A	100
	CA714/3	32 A	100
	CA714/4	32 A	100
	CA714/10	32 A	20

**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

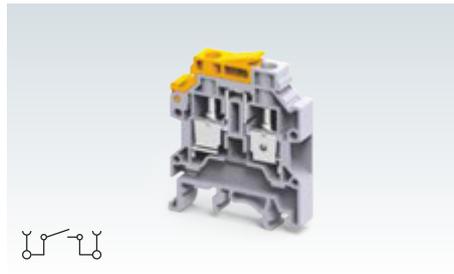
Type / Cat. No.	Standard Pack
CF4SPFT	50
CF4SPFTBU	50

CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
MC6	10
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
	CA714/2	32 A	100
	CA714/3	32 A	100
	CA714/4	32 A	100
	CA714/10	32 A	20

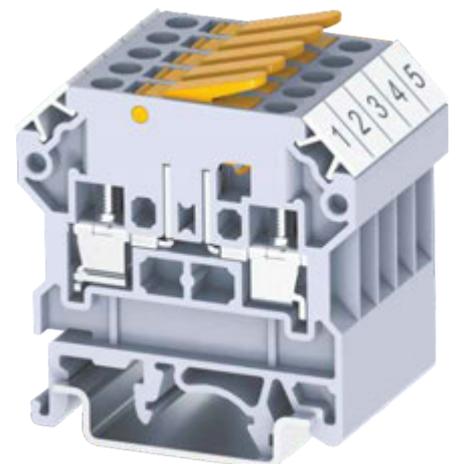
\* CKT4U/4 Terminal has standard screws on the upper level clamps and socket screws on the lower level clamps.  
# External Jumpers can be used only in the upper level clamping unit of the Terminal Block.

**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>
	Solid	22 - 8 AWG
With 2 same size Conductors per clamp	with Ferrule / Lug	0.5 - 6.0 mm <sup>2</sup>
	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	Grey	CKT6U	50	
	Blue	CKT6UBU	50	
End Plate		EP6/10U	50	
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m	
		CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50	
Marking Tags (Refer Pg. 274 for details)		CA509/K8WHT	100	
Marker Card (Refer Pg. 275 for details)		MC8	10	
Screw Driver		SCS0.8/4 Blade size: 0.8 x 4 mm	10	
<b>Jumpers</b>		<b>Insulated</b>	<b>Imax</b>	<b>Standard Pack</b>
External Jumpers	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



**CKT4UH Terminals**

# CERTIFICATIONS & APPROVALS

## connectwell

is an ISO 9001:2008 Company with products and systems approved by various credible third party organizations



Cert. No.: 44 100 990789/01-E3  
TUV NORD



VDE Testing & Certification Institute



Underwriters Laboratories Inc



Canadian Standards Association



ATEX - IECEx  
Installation instruction refer page 243-247



(IECEE) CB Scheme



(IECEE) CE Scheme



STQC Certification Services



# 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 receptacles for test probes 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 - 6.0 mm <sup>2</sup>		16 - 8 AWG		
	Solid with Ferrule / Lug	1.5 - 6.0 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		41 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. 269 for details)		CA701-1M / CA701-1M-S		50 m		
		CA701-15-1M / CA701-15-1M-S		25 m		
End Clamp (Refer Pg. 270 for details)		CA702 / CA802		50		
Marking Tags (Refer Pg. 274 for details)		CA509/K8WHT		100		
Marker Card (Refer Pg. 275 for details)		MC8		10		
Screw Driver		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm		10		
Jumpers		Type / Cat. No.		I <sub>max</sub>	Standard Pack	
External Jumpers		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 - 6.0 mm <sup>2</sup>	16 - 8 AWG
1.5 - 6.0 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
MC8	10
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
MC8	10
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.

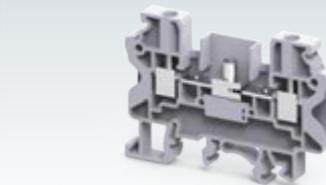
In the CDS6U/TS, the insulated test point screw system (TPSLS) is integrated.

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

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

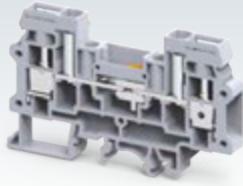
Lock out cap LCCDS can be used to lock the center shorting screw, to prevent accidental opening of circuits.

## CDS4U



Width (Thickness) x Length		6 x 62.6 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		45.2 mm / 52.7 mm / 50.2 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	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 - 10 AWG	
	Stranded / Flexible with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>		14 - 4 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1 UL-1059			
Voltage		800 V	600 V		
Current		32 A	28 A		
Torque		0.5 Nm	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		Grey		CDS4U	50
End Plate				EPCDS4U	50
Mounting Rail (Refer Pg. 269 for details)				CA701-1M / CA701-1M-S	50 m
				CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)				CA702 / CA802	50
Marking Tags (Refer Pg. 274 for details)				CA509/K6WHT	100
Marker Card (Refer Pg. 275 for details)				MC6	10
Screw Driver				SCS0.6/3.5	Blade size: 0.6 x 3.5 mm
100		10			
<b>Jumpers</b>		<b>Uninsulated</b>		<b>Insulated</b>	
				<b>I<sub>max</sub></b>	
				<b>Standard Pack</b>	
Screw Type Jumpers					
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
Configurable Jumper Bar					
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 configurable jumper bar				CA707/S/Q/01	
Switchable Jumpers				CA706/1	
Long Sleeve & Screw for Switchable Jumpers				CA707/L/Q/01	
External Jumpers					
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			

CDS6U



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

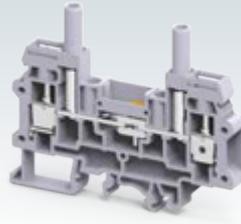


Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack	
CDS6U	50	
CDS6UBU	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	
MC8	10	
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
CA723/5	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

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

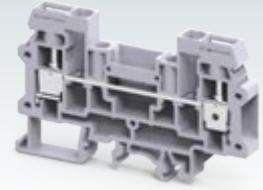


Polyamide 6,6 / 1

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	
MC8	10	
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
CA723/5	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	
CDS6U/FTS	50	
CDS6U/FTSS	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	
MC8	10	
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
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10
SWCDS	35 A	50

# DISCONNECT & TEST TERMINAL BLOCKS

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 CEBG regulations and NTPC applications.

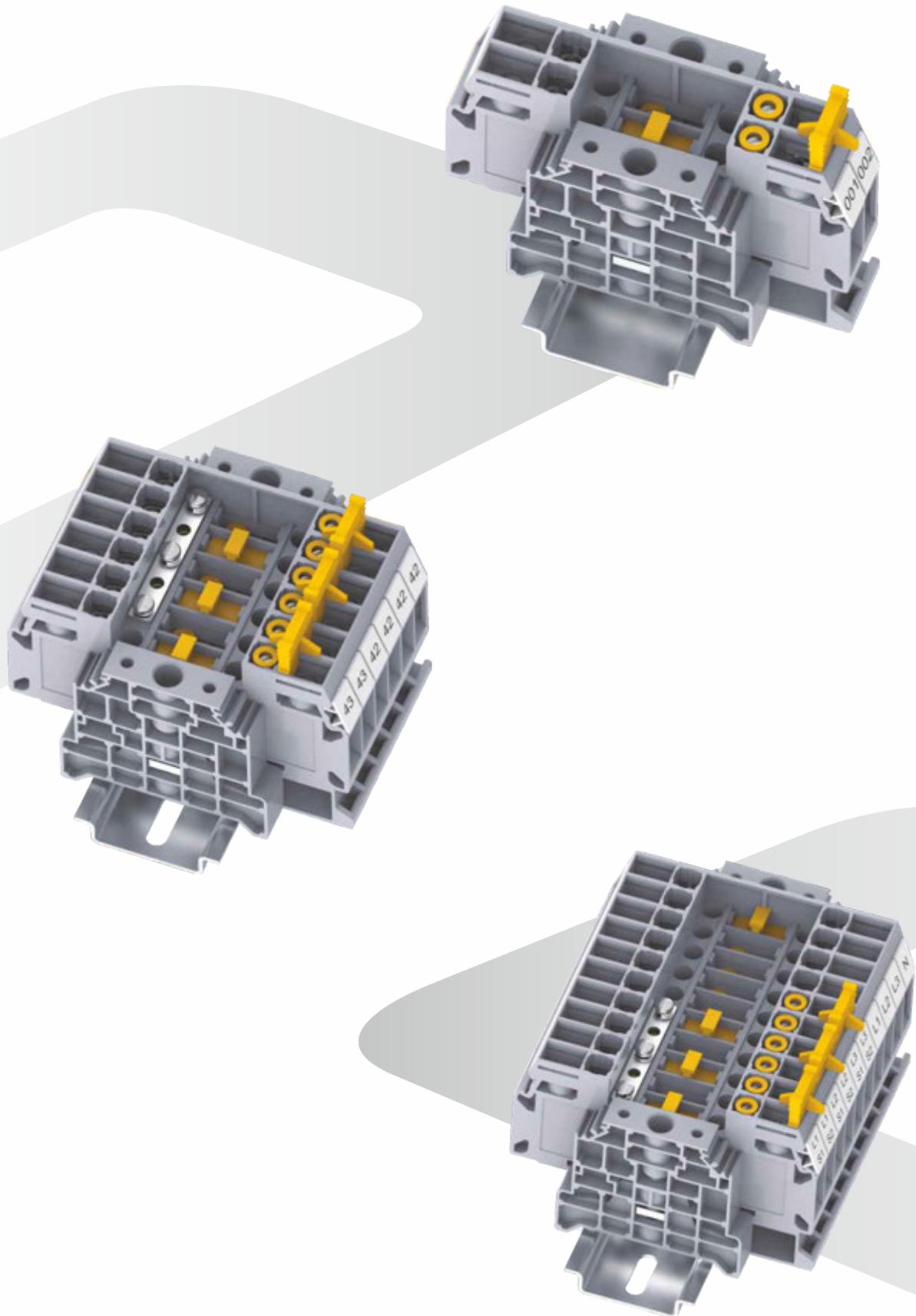
The SLS2 and SLS4 sliding jumpers can be used in combination with either the supplied screw or the TPSLS Test point screw system.

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

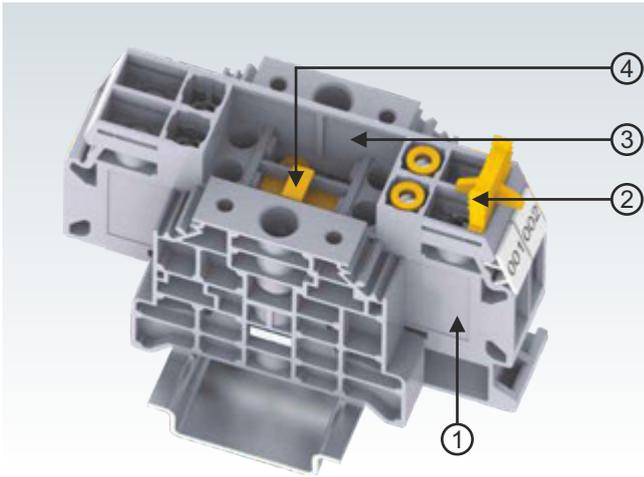
## CDS6U/SC



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		IEC		UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 6.0 mm <sup>2</sup>		22 - 8 AWG		
	Solid with Ferrule / Lug	0.2 - 6.0 mm <sup>2</sup>		22 - 8 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 - 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		
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	CDS6U/SC		50		
End Plate		EPCDS6U		50		
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S		50 m		
		CA701-15-1M / CA701-15-1M-S		25 m		
End Clamp (Refer Pg. 270 for details)		CA702 / CA802		50		
Marking Tags (Refer Pg. 274 for details)		CA509/K8WHT		100		
Marker Card (Refer Pg. 275 for details)		MC8		10		
Screw Driver		SCS0.8/4	Blade size: 0.8 x 4 mm		10	
<b>Jumpers</b>		<b>Type / Cat. No.</b>		<b>Imax</b>	<b>Standard Pack</b>	
Screw Type Jumpers		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
Sliding Jumpers		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 Jumpers		SWCDS		35 A	50	
Lock Out Cap		LCCDS			50	
Shorting Plug		2 pole		QJ8/2		25

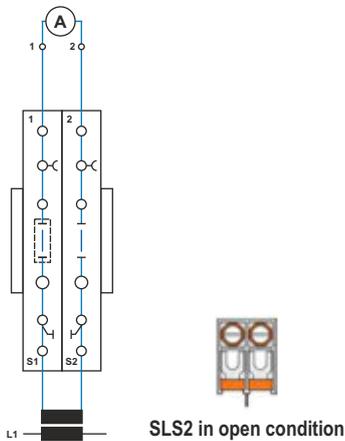


## Usage of CDS6U range of products in Simple Current Transformer Test Circuit

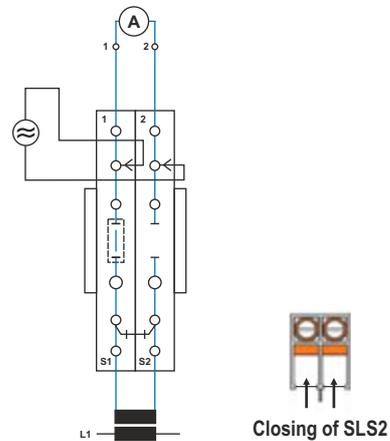


No.	Cat. No.	Qty.
1	CDS6U	2
2	SLS2	1
3	EPCDS6U	1
4	LCCDS	1

### Operating status



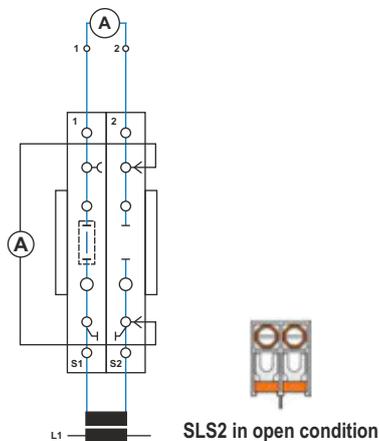
### Meter test for L1 through external power supply



#### 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.

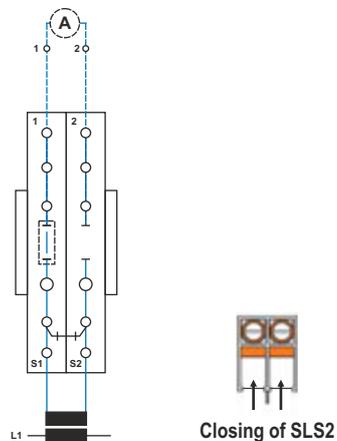
### Comparison measurement for L1



#### 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

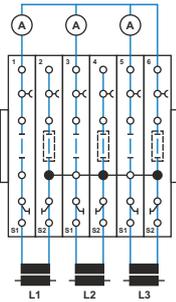
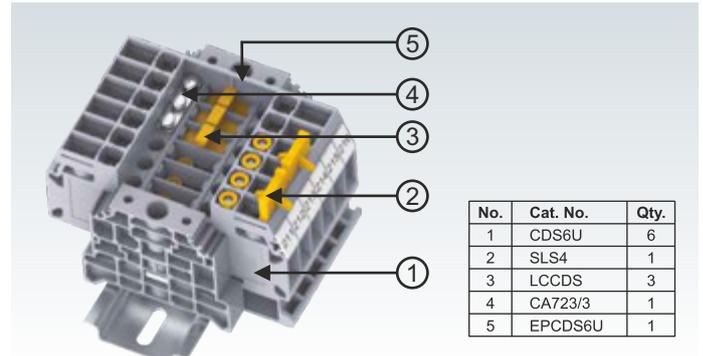
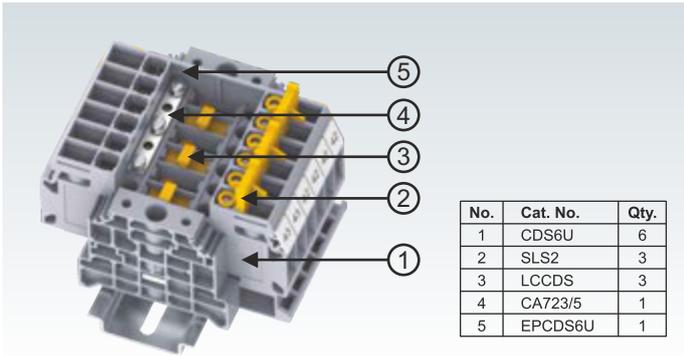


#### Sequence for test :

- 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

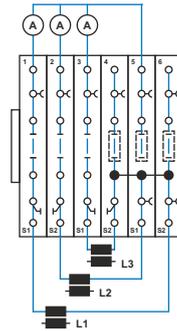
## Usage of CDS6U range of products in 3 Phase Linked Current Transformer Test Set



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



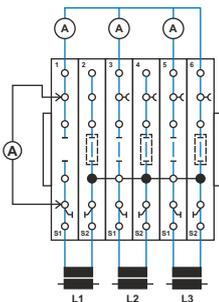
**SLS2 in open condition**



**Operating status**



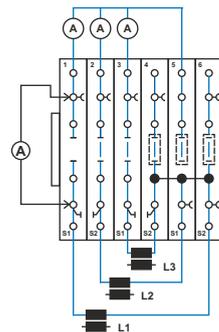
**SLS4 in open condition**



### Comparison measurement for L1

**Sequence for test :**

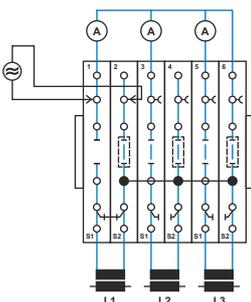
- 1) Remove SLS2 screw from terminal 1.
- 2) Connect ammeter to test sockets of terminal 1.
- 3) Open disconnect slide link of terminal 1.



### Comparison measurement for L1

**Sequence for test :**

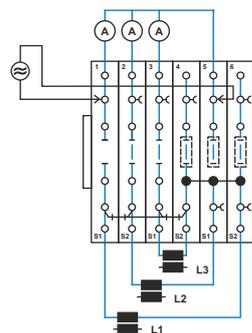
- 1) Remove SLS4 screw from terminal 1.
- 2) Connect ammeter to test sockets of terminal 1.
- 3) Open disconnect slide link of terminal 1.



### Meter test for L1 through external power supply

**Sequence for test :**

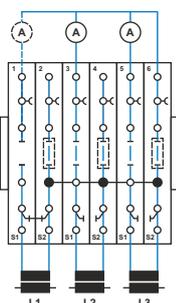
- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 1.
- 3) Connect external power supply to test sockets of terminals 1 and 2.



### Meter test for L1 through external power supply

**Sequence for test :**

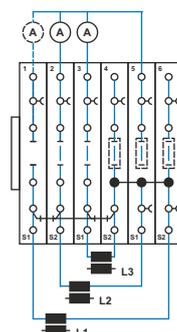
- 1) Close short circuit slide SLS4 of terminals 1,2, 3 and 4.
- 2) Open disconnect slide link of terminal 1.
- 3) Connect external power supply to test sockets of terminals 1 and 5.



### 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.

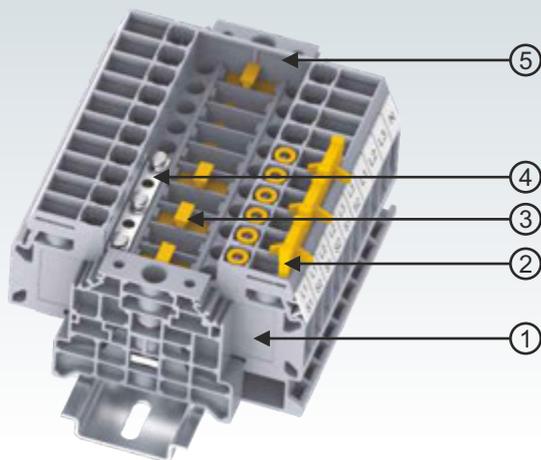


### Changing the meter for L1

**Sequence for test :**

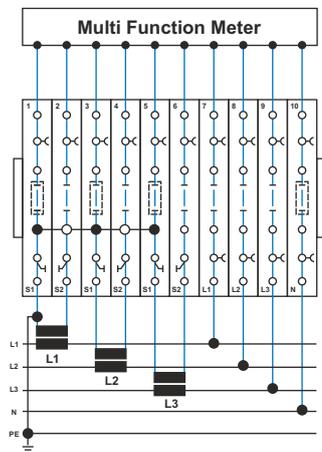
- 1) Close short circuit slide SLS4 of terminals 1,2, 3 and 4.
- 2) Open disconnect slide link of terminal 1.
- 3) Disconnect meter for L1.

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



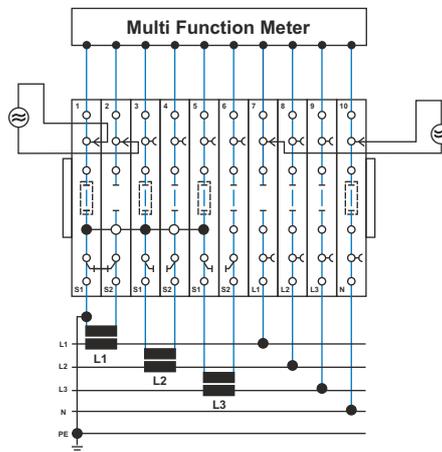
No.	Cat. No.	Qty.
1	CDS6U	10
2	SLS2	3
3	LCCDS	4
4	CA723/5	1
5	EPCDS6U	1

## Operating status



SLS2 in open condition

## Meter test for L1 through external power supply

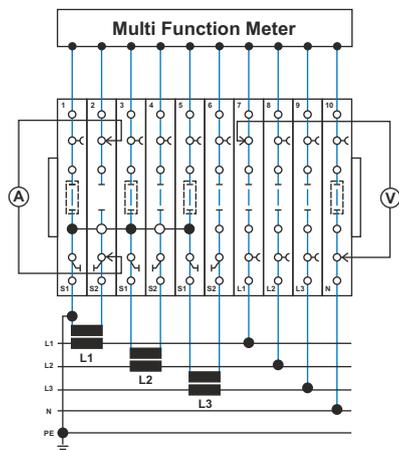


Closing of SLS2

### 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

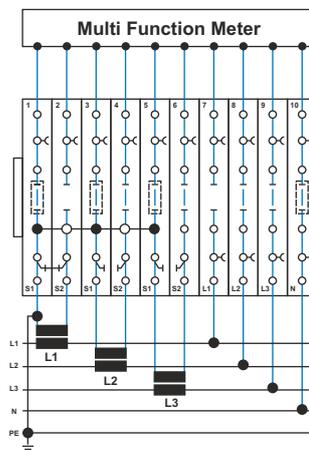


SLS2 in open condition

### 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 :

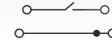
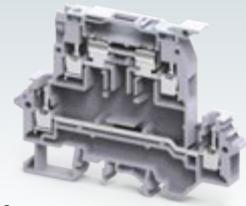
- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 2 and 7.
- 3) Disconnect meter for L1 at terminals 1, 2 and 7.

# 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 Blue Black CSDL4U	100
End Plate	EPCSFL4U	50
Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 270 for details)	CA702 / CA802	50
Marking Tags	On Terminal Continuous Tag CA509/K8WHT CA509/K2WHT	100 100
Marker Card (Refer Pg. 275 for details)	MC8 MC2	10 10
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

	Type / Cat. No.	Standard Pack
Terminal Block	DDDL4U	20
End Plate	DDDL4UBU	20
End Plate	DDDL4UBK	20
End Plate	EPDDFL4U	50
Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 270 for details)	CA702 / CA802	50
Marking Tags	On Terminal Continuous Tag CA509/K8WHT CA509/K2WHT	100 100
Marker Card (Refer Pg. 275 for details)	MC8 MC2	10 10
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

		Jumpers			
		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers	2 pole				
	3 pole				
	4 pole				
	10 pole				
	100 pole				
Configurable Jumper Bar	2 pole				
	3 pole				
	4 pole				
	10 pole				
Short Sleeve & Screw for configurable jumper bar					
External Jumpers	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

		Jumpers			
		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers	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
Configurable Jumper Bar	2 pole	CA703/6		32 A	100
	3 pole	CA704/6		32 A	100
	4 pole	CA705/6		32 A	100
	10 pole	CA737/10		32 A	100
Short Sleeve & Screw for configurable jumper bar		CA707/S/Q/3			100
External Jumpers	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

# 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	22 - 10 AWG	
	Solid with Ferrule / Lug	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	22 - 12 AWG	
	with TWIN Ferrule / Lug	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
	32 A	35 A	25 A
Torque	2.0 Nm	26 lb-in	26 lb-in
	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		



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. 269 for details)		CA701-1M / CA701-1M-S	50 m
End Clamp (Refer Pg. 270 for details)		CA701-15-1M / CA701-15-1M-S	25 m
Marking Tags (Refer Pg. 274 for details)		CA702 / CA802	50
Marker Card (Refer Pg. 275 for details)		CA509/K6WHT	100
Screw Driver		MC6	10
		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(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

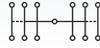
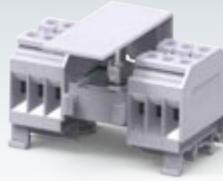
8 KV / 3

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
MC6		10
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



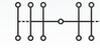
Polyamide 6,6 / 1

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
MC8		10
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



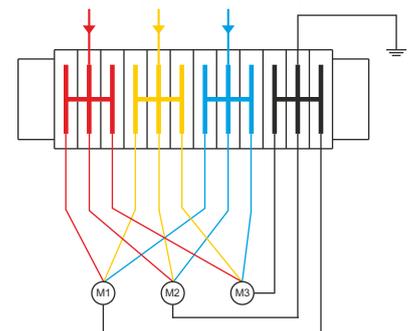
Polyamide 6,6 / 1

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
MC10		10
SCS0.8/4 Blade size: 0.8 x 4 mm		10

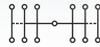
Type / Cat. No.	H x W x T ( mm )	No. of Output
CDB10/2	43 x 48 x 72	8
CDB10/3	43 x 48 x 92	12
CDB10/4	43 x 48 x 112	16

**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 - 4.0 mm <sup>2</sup>	22 - 10 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. 269 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. 270 for details)	CA702 / CA802		50		CA702 / CA802		50	
Marking Tags (Refer Pg. 274 for details)	CA509/K12WHT		100		CA509/K6WHT		100	
Marker Card (Refer Pg. 275 for details)	MC12		10		MC6		10	
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
MC8		10
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
MC10		10
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
MC12		10
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

# DISTRIBUTION BLOCKS

## CMDB12



Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	47.4 mm / 54.9 mm		
Wire size at Input	10 mm <sup>2</sup> / 6 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	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	11 mm / 8 mm		
Ratings As Per	IEC60947-7-1	UL-1059	
Voltage	1000 V	600 V	
Current	Input	57 A	65 A
	Total Output (on either side of Input)	32 A	35 A
Torque	Input	1.2 Nm	14 lb-in
	Output	0.5 Nm	7 lb-in
Approvals	CE		
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		

	Type / Cat. No.	No. of Outputs	Standard Pack
Terminal Block	CMDB12	20	10
	CMDB12BU	20	10
	CMDB12R	20	10
	CMDB12Y	20	10
	CMDB12BK	20	10
	CMDB12YG	20	10

Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 274 for details)		CA509/K10WHT / CA509/K6WHT	100
Screw Driver		SCS0.8/4 Blade size: 0.8 x 4 mm	10
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

# 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.

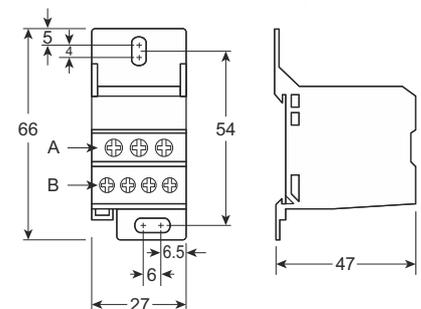
These blocks are completely shrouded and offer IP 20 protection.

## 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 C in diagram below	Wire Range	8 - 4 AWG	
	Stripping Length	15 mm	
	Torque	14 lb-in	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		76 A	80 A
Approvals			
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		6 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block	Grey	DB16	10
	Blue	DB16BU	10
	Red	DB16R	10
	Yellow	DB16Y	10
	Black	DB16BK	10
	Green	DB16GN	10
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 274 for details)		CA509/K7.5WHT	100
Screw Driver		SCPH2	Blade size: 2 x 100 mm

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



# 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.

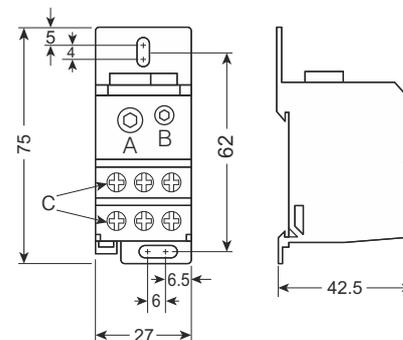
These blocks are completely shrouded and offer IP 20 protection.

## DB35



Width (Thickness) x Length		27 x 74.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		50.8 mm / 57.8 mm	
Total number of connection points		8	
Connection Possibility as per		IEC	UL - CSA
At 1 Connection Point (Input)	Wire Range		
	Stripping Length		
	Torque		
At Position A in diagram below	Wire Range	6 - 35 mm <sup>2</sup> (1 Conn.)	8 - 2 AWG
	Stripping Length	15 mm	15 mm
	Torque	6 Nm	40 lb-in
At Position B in diagram below	Wire Range	6 - 16 mm <sup>2</sup> (1 Conn.)	8 - 4 AWG
	Stripping Length	15 mm	15 mm
	Torque	3 Nm	14 lb-in
At Position C in diagram below	Wire Range	2.5 - 10 mm <sup>2</sup> (6 Conn.)	14 - 6 AWG
	Stripping Length	10 mm	10 mm
	Torque	2.0 Nm	17.5 lb-in
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		125 A	115 A
Approvals			
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		6 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block	Grey	DB35	10
	Blue	DB35BU	10
	Red	DB35R	10
	Yellow	DB35Y	10
	Black	DB35BK	10
	Green	DB35GN	10
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 274 for details)		CA509/K7.5WHT	100
Screw Driver		SCPH2 Blade size: 2 x 100 mm	10

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



# LIGHTING POLE DISTRIBUTION BLOCK

CLP35/2 is a lighting pole Distribution Terminal Block suitable for 35 sq.mm wires. These terminals are also suitable for XLPE aluminium cable which are generally used for street lighting application.

CLP35/2A is a lighting pole Distribution Terminal Block with Allen Head screw.

## CLP35/2



Width (Thickness) x Length	53.3 x 94 mm
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	68 mm / 74.0 mm
Total number of connection points	8

Connection Possibility as per		IEC	UL - CSA
At 1 Connection Point (Input)	Wire Range	4 - 35 mm <sup>2</sup> (1 Conn.)	12 - 2 AWG
	Stripping Length	15 mm	15 mm
	Torque	2.5 Nm	25 lb-in
At 2 Connection Points (Output)	Wire Range	4 - 35 mm <sup>2</sup> (1 Conn.)	12 - 2 AWG
	Stripping Length	15 mm	15 mm
	Torque	2.5 Nm	25 lb-in
At 3 Connection Point (Output)	Wire Range	0.2 - 10 mm <sup>2</sup> (1 Conn.)	20 - 4 AWG
	Stripping Length	11 mm	11 mm
	Torque	1.2 Nm	14 lb-in

Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current	Input	115 A	115 A
	Output	76 A	75 A

Approvals	
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Insulation Material / Material Group	Polyamide 6,6 / 1
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Rated Impulse Voltage / Pollution Degree	8 KV / 3
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		Type / Cat. No.	Standard Pack
Terminal Block		CLP35/2	20
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 274 for details)		CA509/K16WHT	100
Marker Card (Refer Pg. 275 for details)		MC16	10
Screw Driver		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

# LIGHTING POLE DISTRIBUTION BLOCK

CLP35/2 is a lighting pole Distribution Terminal Block suitable for 35 sq.mm wires. These terminals are also suitable for XLPE aluminium cable which are generally used for street lighting application.

CLP35/2A is a lighting pole Distribution Terminal Block with Allen Head screw.

## CLP35/2A



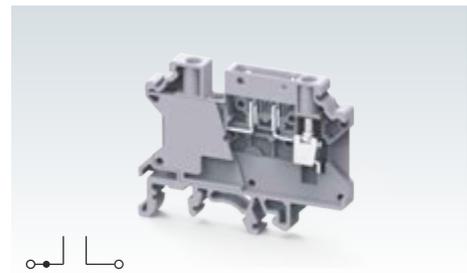
With Allen screw

Width (Thickness) x Length		53.3 x 94 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		68 mm / 74.0 mm	
Total number of connection points		8	
Connection Possibility as per		IEC	UL - CSA
At 1 Connection Point (Input)	Wire Range	4 - 35 mm <sup>2</sup> (1 Conn.)	12 - 2 AWG
	Stripping Length	15 mm	15 mm
	Torque	2.5 Nm	25 lb-in
At 2 Connection Points (Output)	Wire Range	4 - 35 mm <sup>2</sup> (1 Conn.)	12 - 2 AWG
	Stripping Length	15 mm	15 mm
	Torque	2.5 Nm	25 lb-in
At 3 Connection Point (Output)	Wire Range	0.2 - 10 mm <sup>2</sup> (1 Conn.)	20 - 4 AWG
	Stripping Length	11 mm	11 mm
	Torque	1.2 Nm	14 lb-in
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current	Input	115 A	115 A
	Output	76 A	75 A
Approvals			
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block		CLP35/2A	20
Mounting Rail (Refer Pg. 269 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 274 for details)		CA509/K16WHT	100
Marker Card (Refer Pg. 275 for details)		MC16	10
Screw Driver		SCS1.0/5.5	Blade size: 1.0 x 5.5 mm 10

# COMPONENT CARRIER TERMINAL BLOCK

The CCC4U Terminal Block is a component carrier base. Various pluggable component carriers and disconnecting plugs 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 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	24 - 10 AWG	
	Stranded / Flexible 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. 269 for details)	CA701-1M / CA701-1M-S	50 m		
	CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 270 for details)	CA702 / CA802	50		
Marking Tags (Refer Pg. 274 for details)	CA509/K6WHT	100		
Marker Card (Refer Pg. 275 for details)	MC6	10		
Screw Driver	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		
	Type / Cat. No.	Imax	Standard Pack	
Jumpers	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
	Pre Assembled Jumpers			

\* Current Rating is based on Plug used.

CPD1 is component plug with built in diode 1N4007. 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. CIP is a disconnecting plug which can be installed in the base Terminal Block CCC4U.



	Type / Cat. No.	Std. Pack	Type / Cat. No.	Std. Pack	Type / Cat. No.	Std. Pack
Component Carrier	CPD1	50	CPF	50		
With Diode For Ø 5 x 20 mm Fuse			CPFL6-60V	50		
Fuse with 6-60V AC/DC LED Circuit			CPFL110-240V	50		
Fuse with 110-240V AC/DC LED Circuit					CIP	50
Disconnection Plug						
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	
Marking Tags (Refer Pg. 274 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 Jumpers / 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. 269 for details)		CA701-1M / CA701-1M-S	50 m		
		CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 270 for details)		CA702 / CA802	50		
Marking Tags (Refer Pg. 274 for details)		CA509/K6WHT	100		
Marker Card (Refer Pg. 275 for details)		MC6	10		
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10	
<b>Jumpers</b>		<b>Type / Cat. No.</b>		<b>I<sub>max</sub></b>	<b>Standard Pack</b>
Screw Type Jumpers		2 pole	CA623/2	32 A	100
		3 pole	CA623/3	32 A	100
		4 pole	CA623/4	32 A	100
		10 pole	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
MC8	10
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
MC10	10
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 are fitted with springs below the clamps. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEGB regulations, SEC 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 with hook type lug / ferrule, thus preventing loosening of the wires even when the screw clamps are not tightened.

CTS4USC, CTS6USC & CTS10USC are standard spring loaded feed through Terminal Blocks.

CDS6U/SC is spring loaded disconnect & test Terminal Block suitable for CT, PT & VT circuits.

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	

## 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	
32 A	35 A	35 A	
0.5 Nm	7 lb-in	7 lb-in	
Polyamide 6,6 / 1			
8 KV / 3			

Terminal Block	Grey Blue
End Plate	
Separator Plate	
Mounting Rail (Refer Pg. 269 for details)	
End Clamp (Refer Pg. 270 for details)	
Marking Tags (Refer Pg. 274 for details)	
Marker Card (Refer Pg. 275 for details)	
Screw Driver	

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
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers	
Screw Type Jumpers	
	2 pole
	3 pole
	4 pole
Hook Type Lug / Ferrule	
	1.5 sq.mm
	2.5 sq.mm
	4 sq.mm
	6 sq.mm
	10 sq.mm

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
CTS6USCUBU	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
MC6	10
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



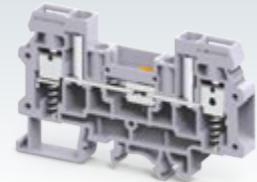
Polyamide 6,6 / 1

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
MC10	10
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
MC8	10
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 180.

# SPRING LOADED TERMINAL BLOCKS

CKT4SPSC is spring loaded knife disconnect Terminal Block. Disconnection of circuit is achieved by lifting a lever which operates the knife contact.

In CDTTUSC terminal the disconnection is achieved by means of a slide link operated with a screw driver.

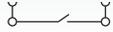
CDTTUFTSC is standard spring loaded feed through Terminal Block in the same profile as that of CDTTUSC.

## CKT4SPSC



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 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>	24 - 10 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	CSA22.2-158		
Voltage	1000 V	600 V	600 V		
Current	28 A	30 A	30 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	8 KV / 3				
	Type / Cat. No.		Standard Pack		
Terminal Block	CKT4SPSC		50		
End Plate					
Mounting Rail (Refer Pg. 269 for details)	 CA701-1M / CA701-1M-S		50 m		
End Clamp (Refer Pg. 270 for details)	 CA701-15-1M / CA701-15-1M-S		25 m		
End Clamp (Refer Pg. 270 for details)	CA702 / CA802		50		
Marking Tags (Refer Pg. 274 for details)	CA509/K6WHT		100		
Marker Card (Refer Pg. 275 for details)	MC6		10		
Screw Driver	 SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10		
	Uninsulated		Insulated		
Jumpers	2 pole	CA722/2	CA742/2	28 A	100
	3 pole	CA722/3	CA742/3	28 A	100
	4 pole	CA722/4	CA742/4	28 A	100
	10 pole	CA722/10	CA742/10	28 A	10
External Jumpers	2 pole		CA714/2	28 A	100
	3 pole		CA714/3	28 A	100
	4 pole		CA714/4	28 A	100
	10 pole		CA714/10	28 A	20
Shorting Plug	 2 pole				

**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	
MC8	10	
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	
MC8	10	
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.

CMT4 Terminal Blocks can be shorted with the help of screw type jumpers.

CMT10 Terminal Blocks can be shorted with standard JY pluggable jumpers.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

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			

## CMT4



		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	CGMT4 (Refer Pg. 156 for details)	100
End Plate		EPCMT4	50
Partition Plate		PPCMT4	50
Mounting Rail (Refer Pg. 269 for details)		CA601	100 m
End Clamp (Refer Pg. 270 for details)		CA602	50
Marking Tags (Refer Pg. 274 for details)		CA509/K2WHT	100
Marker Card (Refer Pg. 275 for details)		MC2	10
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers	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				
Jumper Bar	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 configurable jumper bar		CA607/S/Q			100
Switchable Jumpers		CA706/1		32 A	100
Long Sleeve & Screw for Switchable Jumpers		CA607/L/Q			100
External Jumpers	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
Pluggable Jumper					100
Test Socket		CA707/TS/03			

### CMT10



10 x 33.5 mm

36 mm

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

12 mm

IEC60947-7-1 UL-1059

500 V	150 V		
57 A	65 A		
1.2 Nm	14 lb-in		



Polyamide 6,6 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CMT10	100

EPCMT10	50
---------	----

CA601	100 m
CA602	50
CA509/K10WHT	100
MC10	10
SCS0.8/4.0 Blade size: 0.8 x 4.0 mm	10

Uninsulated	Insulated	Imax	Standard Pack


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JY10/2 45 A 20

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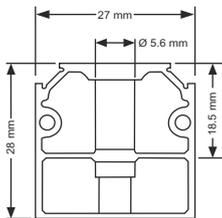
# PANEL MOUNT TERMINAL BLOCK

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.

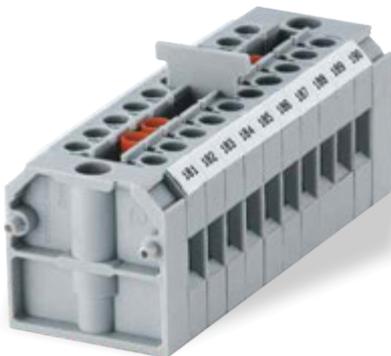
M3 screw of desired length can be used for mounting.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 295.

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



**End Plate**



## 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					
	<b>Type / Cat. No.</b>		<b>Standard Pack</b>			
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. 274 for details)		CA509/K2WHT	100			
Marker Card (Refer Pg. 275 for details)		MC2	10			
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10		
<b>Jumpers</b>		<b>Uninsulated</b>	<b>Insulated</b>	<b>Imax</b>	<b>Standard Pack</b>	
Screw Type Jumpers		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				
Jumper Bar		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 configurable jumper bar		CA607/S/Q			100	
External Jumpers		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	
Pluggable Jumpers						

# 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)

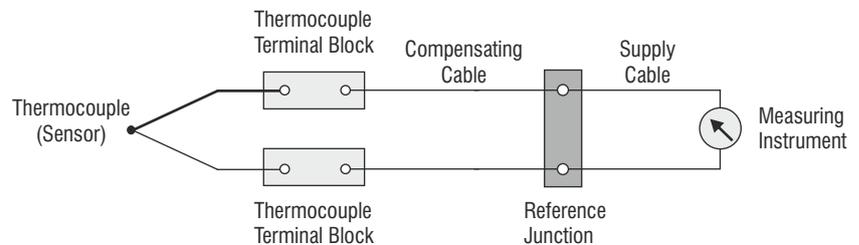
'E' type - Chromel (Ni/Cr), Constantan (Cu/Ni)

## 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		
Terminal Block	Type / Cat. No.	Suitable for Thermocouple Wire	Standard Pack
	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. 269 for details)	CA701-1M / CA701-1M-S		50 m
	CA701-15-1M / CA701-15-1M-S		25 m
End Clamp (Refer Pg. 270 for details)	CA702 / CA802		50
Marking Tags (Refer Pg. 274 for details)	CA509/K5WHT		100
Marker Card (Refer Pg. 275 for details)	MC5		10
Screw Driver	SCS0.5/3	Blade size: 0.5 x 3.0 mm	10

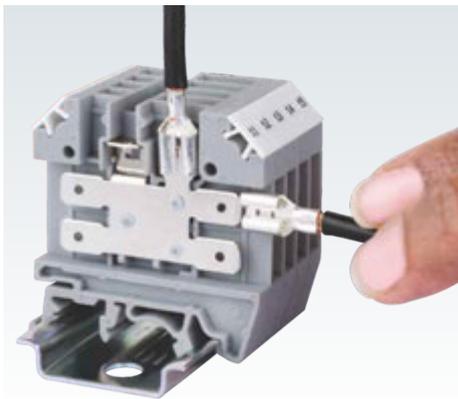
### Typical Temperature Measuring circuit



# 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.

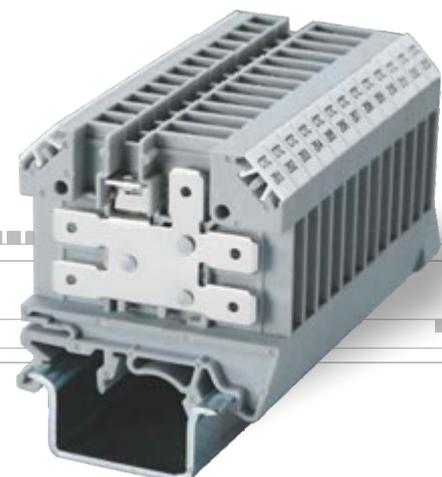
The connection is achieved by pushing the lug / ferrule onto the tab blade of the Terminal Block.



## 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	<b>IEC</b>	<b>UL - CSA</b>		
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	0.2 - 4.0 mm <sup>2</sup>	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. 269 for details)	CA701-1M / CA701-1M-S	50 m		
	CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 270 for details)	CA702 / CA802	50		
Marking Tags (Refer Pg. 274 for details)	CA509/K6WHT	100		
Marker Card (Refer Pg. 275 for details)	MC6	10		
		<b>I<sub>max</sub></b>	<b>Standard Pack</b>	
Permanent Jumpers	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 Jumpers		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.

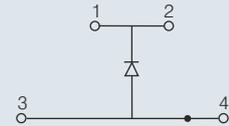
CDL4USP - Spacers can be used for covering custom electronic components, which may protrude from the CDL4U(O) Terminal Block.

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>	
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
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		

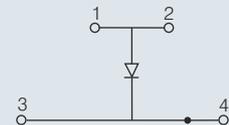
	Type / Cat. No.	Standard Pack
End Plate	EPCDL4U	50
Spacer	CDL4USP	50
Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
Marking Tags (Refer Pg. 274 for details)	CA509/K2WHT	100
Marker Card (Refer Pg. 275 for details)	MC2	100
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

	Type / Cat. No.	Imax	Standard Pack	
Screw Type Jumpers	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 configurable jumper bar	CA607/S/Q		100	

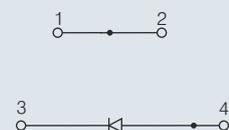
Part No.	Application	Std. Pack
CDL4UED1	Arc suppression circuit for contactors & solenoid valves - D.C	100



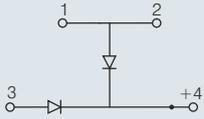
Part No.	Application	Std. Pack
CDL4UED2	Arc suppression circuit for contactors & solenoid valves - D.C	100



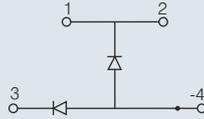
Part No.	Application	Std. Pack
CDL4UED3	Diode circuit for reverse polarity protection	100



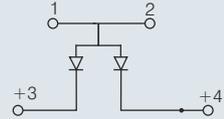
Part No.	Application	Std. Pack
CDL4UEDD1	Diode circuit for lamp testing	100



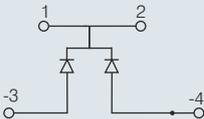
Part No.	Application	Std. Pack
CDL4UEDD2	Diode circuit for lamp testing	100



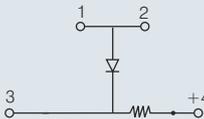
Part No.	Application	Std. Pack
CDL4UEDD3	Diode circuit for lamp testing	100



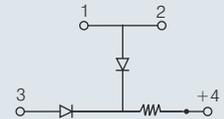
Part No.	Application	Std. Pack
CDL4UEDD4	Diode circuit for lamp testing	100



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



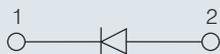
Part No.	Application	Std. Pack
CDL4UEDD5	Diode circuit for lamp testing with LED series resistance	100



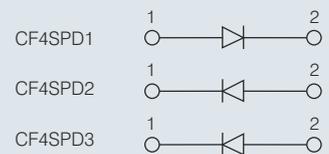
Part No.	Application	Std. Pack
CKT4UD1	Arc suppression circuit for contactors & solenoid valves - D.C	100



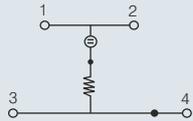
Part No.	Application	Std. Pack
CKT4UD2	Arc suppression circuit for contactors & solenoid valves - D.C	100



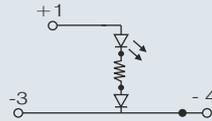
Part No.	Diode Type	Std. Pack
CF4SPD1	1N4007	50
CF4SPD2	1N5408	50
CF4SPD3	1N5820	50



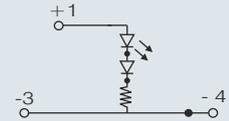
Part No.	Application	Std. Pack
CDL4UEN1	AC Voltage indicator with Neon lamp	100



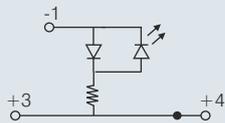
Part No.	Application	Std. Pack
CDL4UELD5	AC Voltage indicator with LED	100



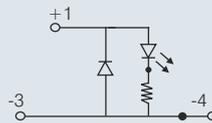
Part No.	Application	Std. Pack
CDL4UELD3	AC Voltage indicator with LED	100



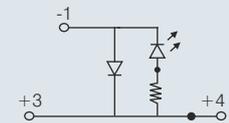
Part No.	Application	Std. Pack
CDL4UELD4	AC Voltage indicator with LED	100



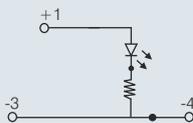
Part No.	Application	Std. Pack
CDL4UELD1	DC Voltage indicator with LED	100



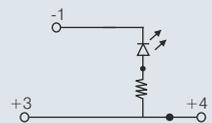
Part No.	Application	Std. Pack
CDL4UELD2	DC Voltage indicator with LED	100



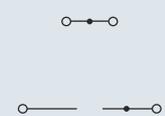
Part No.	Application	Std. Pack
CDL4UEL1	DC Voltage indicator with LED	100



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



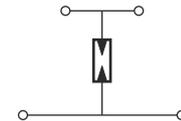
# SURGE SUPPRESSION TERMINAL BLOCKS

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

CDL4U(E)SDU is for DC application at 48 V with current rating 3.2 A.

CDL4U(E)SDB is for AC application at 400 VAC with current rating 4 A.

## CDL4UELA

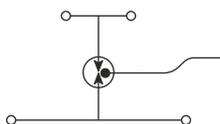


Circuit Diagram

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	<b>IEC</b>	<b>UL - CSA</b>
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 with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>
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 (8/20μs)	
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	CDL4UELA(60V)	32
End Plate 	EPCDL4U	50
Spacer 	CDL4USP	50
Mounting Rail (Refer Pg. 269 for details) 	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 270 for details) 	CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 274 for details) 	CA509/K2WHT	100
Marker Card (Refer Pg. 275 for details)	MC2	10
Screw Driver 	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

### CDL4UE3LA



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

90 V, 230 V, 350 V, 600 V DC

10 KA (8/20μs)

10 A

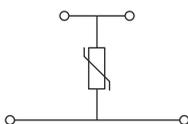
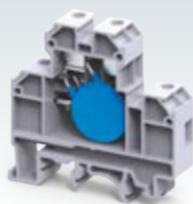
100 ms

< 1.0 pf

Polyamide 6,6 / 1



### CDL4UEMOV



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

30 V, 60 V, 75 V, 130 V, 275 V, 460 V, 510 V, 625 V, 680 V A.C.

2 KA - 6.5 KA (8/20μs)

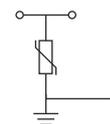
< 25 ns

100 - 20000 pf

Polyamide 6,6 / 1



### 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
CDL4UE3LA(90V)	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
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
CDL4UEMOV-30V	52
CDL4UEMOV-60V	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
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

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
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

# 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.

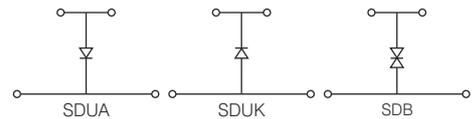
CDL4U(E)SDU is for DC application at 48 V with current rating 3.2 A.

CDL4U(E)SDB is for AC application at 400 VAC with current rating 4 A.

## CDL4UESD



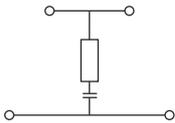
Circuit Diagram



Width (Thickness) x Length	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	
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>
	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 with TWIN Ferrule / Lug	0.2 - 2.5 mm <sup>2</sup>
Wire Stripping Length	9 mm	
Type of Connection	4 Screw Clamps	
Rated Connection Capacity	0.5 - 4 sq.mm / 22-10 AWG	
Voltage Rating	12 VDC to 48 VDC / 12 VAC to 160 VAC	
Impulse Discharge Current	1.5 KA	
Alternating Discharge Current at Hz		
Response Time	1 ns (D.C) / 5 ns (A.C)	
Normal Current		
Capacitance		
Insulation Material / Material Group	Polyamide 6,6 / 1	
Approvals		

	Type / Cat. No.	Standard Pack
Terminal Block	CDL4UESDUA24V CDL4UESDB-160V	52 52
End Plate	EPCDL4U	50
Spacer	CDL4USP	50
Mounting Rail (Refer Pg. 269 for details)	CA701-1M / CA701-1M-S CA701-15-1M / CA701-15-1M-S	50 m 25 m
End Clamp (Refer Pg. 270 for details)	CA702 / CA802 / CA202	50
Marking Tags (Refer Pg. 274 for details)	CA509/K2WHT	100
Marker Card (Refer Pg. 275 for details)	MC2	10
Screw Driver	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
CDL4UERC0.1MF	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
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10