

CTS SERIES

SCREW CLAMP

TERMINAL BLOCKS

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



Safe Wiring Zones



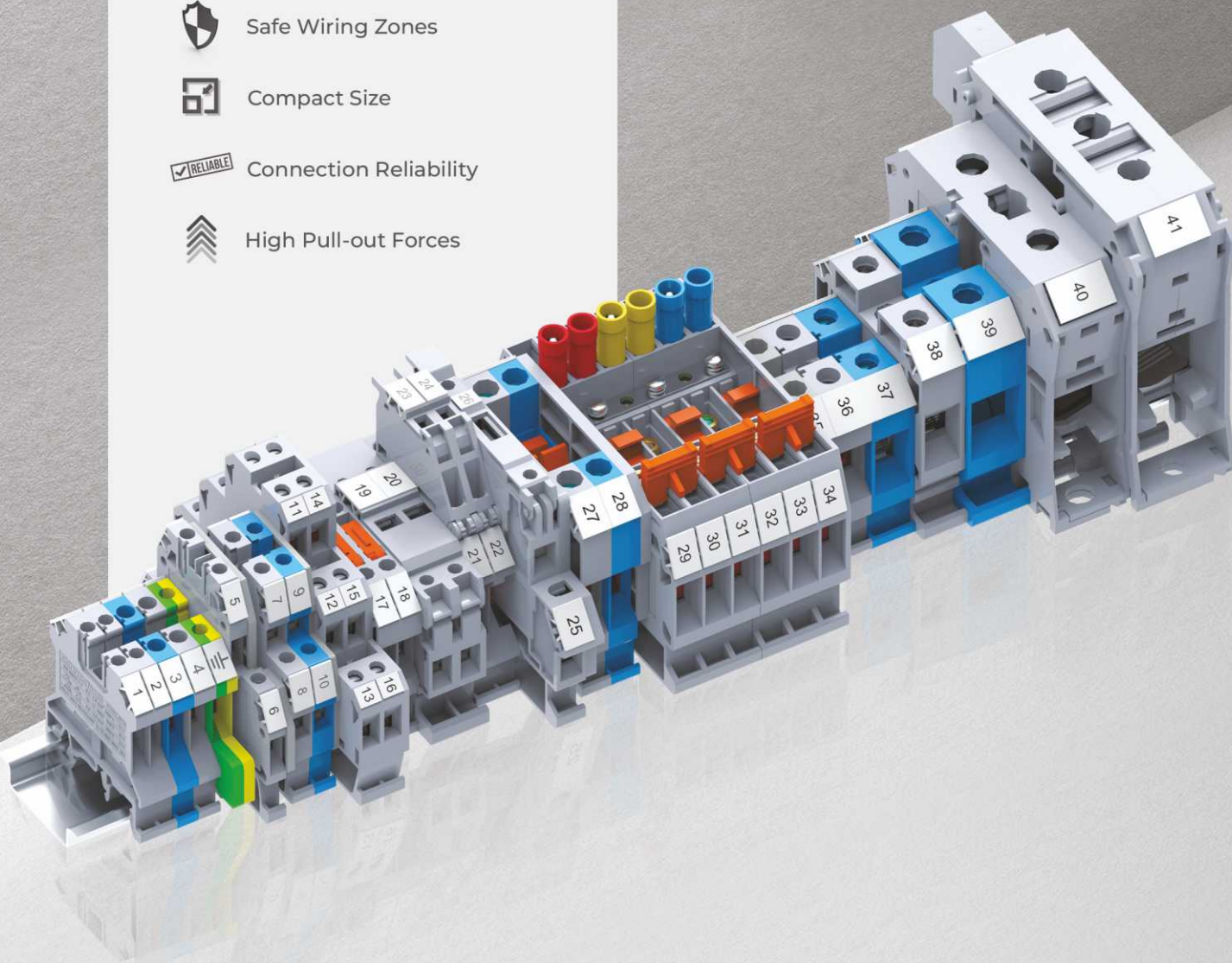
Compact Size



Connection Reliability

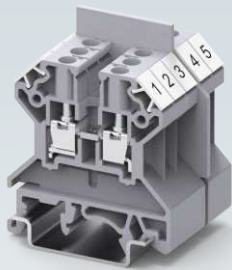


High Pull-out Forces



CTS SERIES SCREW CLAMP TERMINAL BLOCKS

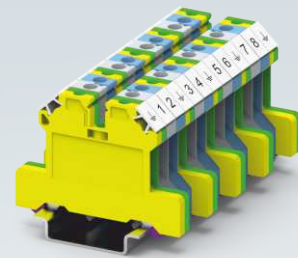
	Standard Feed Through	151 - 156
	Multiple Connection	157 - 158
	Multiple Level	159 - 166
	Ground / Earth	167 - 171
	Neutral / Earth Clamps	172 - 173
	Screw & Spring Type Shield Connection Clamps	174
	Fuse Terminal	175 - 176
	Multiple Level Fuse	177 - 178
	Disconnect & Test	179 - 190
	Distribution Blocks	191 - 195
	Compact Distribution Blocks	196 - 197
	Lighting Pole Distribution Blocks	198 - 199
	Component Carrier	200
	High Voltage	201 - 202
	Spring Loaded	203 - 206
	Miniature & Panel Mount	207 - 209
	Thermocouple & Tab Connection	210 - 211
	With Electronic Components	212 - 218



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.



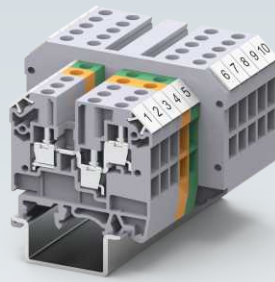
All Terminal Blocks for connecting 16mm² wires and above have a built-in integral end plate thereby covering all live parts. This ensures safe isolation for power connections.



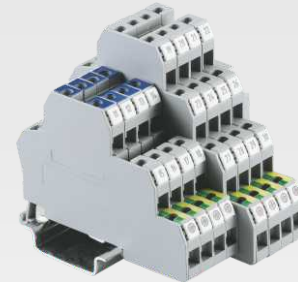
Same profile grounding terminals are clearly identified with a green-yellow housing. Their shape and thickness is identical to the respective feed through terminal of same wire size.



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



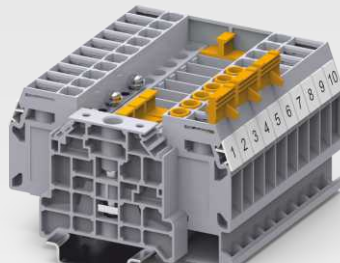
Multiple connection Terminal Blocks enable secure connection of more than one wire in a single Terminal Block.



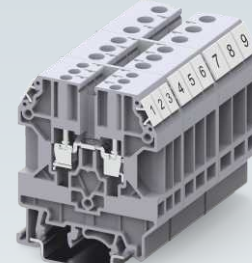
Two level plus ground and Three level plus ground terminals facilitate single & three phase connections. These Terminal Blocks are an ideal choice for three phase and three phase plus ground circuits.



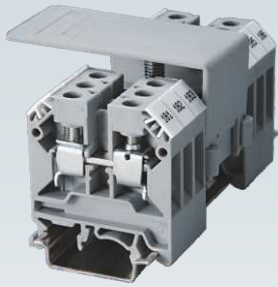
Universal voltage rating of 6 - 60V & 110 - 240V is available on Fuse Terminal Blocks with offline indication. Both AC & DC circuits can be connected without any polarisation requirement.



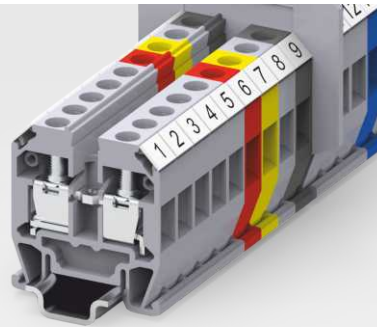
CDS6U Terminal Block system is a versatile wire connection method for current & voltage transformer and power meters. A wide range of accessories eases the testing of connected instruments.



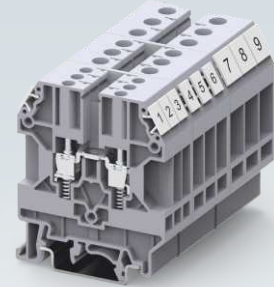
The CHV series High Voltage Terminal Blocks are suitable for upto 1500V DC applications required in the solar industry. The specially designed creepage and clearance distances help achieve the high



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.



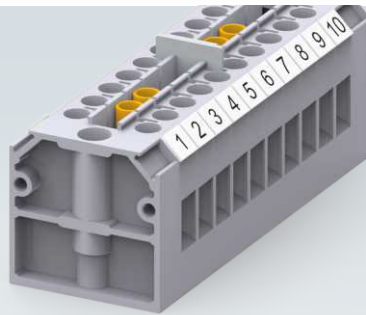
Miniature Terminal Blocks are an ideal choice for compact junction box applications. These Terminal Blocks can be mounted on DIN 15 rails.



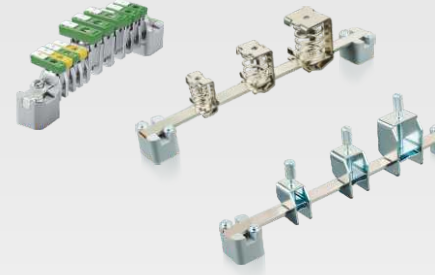
Spring Loaded Terminal Blocks are designed as per ESI standards and meet CEGB, SEC and NTPC guidelines.



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.



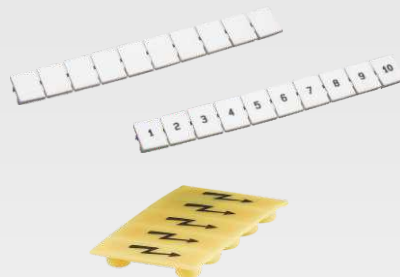
Panel mounted Terminal Blocks eliminate the need for using DIN rails. Individual terminals can be 'clicked' into each other to create specific pole configurations as per user requirements.



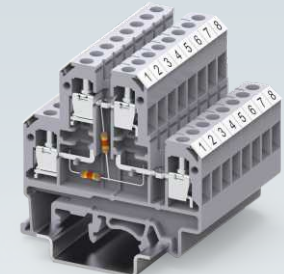
Shield connection clamps facilitate EMC continuity of shielded cables. Neutral & Earth clamps provide flexible solutions for terminating neutral & earthing wires on bus bars.



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 303.

Width (Thickness) x Length		5 x 43 mm				
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.2 mm / 53.7 mm / 51.1 mm				
Connection Possibility as per		IEC		UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm ²		22 - 12 AWG		
	Solid	0.2 - 4.0 mm ²		22 - 10 AWG		
	with Ferrule / Lug	0.2 - 2.5 mm ²		22 - 12 AWG		
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm ²		22 - 16 AWG		
	with TWIN Ferrule / Lug	0.2 - 1.5 mm ²		22 - 16 AWG		
Wire Stripping Length		8 mm				
Ratings As Per		IEC60947-7-1 UL-1059 CSA22.2-158 IEC60079				
Voltage		1000 V	600 V	600 V	690 V	
Current		24 A	25 A	25 A	21 A	
Torque		0.4 Nm	7 lb-in	7 lb-in	0.4 Nm	
Approvals						
Insulation Material / Material Group		Polyamide 6,6 / 1				
Rated Impulse Voltage / Pollution Degree		8 KV / 3				
		Type / Cat. No.		Standard Pack		
Terminal Block	Grey	CTS2.5UN		100		
	Blue	CTS2.5UNBU		100		
	Red	CTS2.5UNR		100		
	Yellow	CTS2.5UNY		100		
	Black	CTS2.5UNBK		100		
	Green	CTS2.5UNGN		100		
	Orange	CTS2.5UNO		100		
	White	CTS2.5UNW		100		
	Ground / Earth	CTSG2.5 (Refer Pg. 167 for details)		50		
	For Ex (e) Applications	CTS2.5UNEX		100		
	For Ex (i) Applications	CTS2.5UNBUEx		100		
End Plate		EP2.5/4UN		50		
Partition Plate		PP2.5/4UN		50		
Separator Plate		SP2.5/4UN		100		
Mounting Rail	(Refer Pg. 279 for details) 	CA701-1M / CA701-1M-S		25 / 50		
		CA701-15-1M / CA701-15-1M-S		25 / 50		
End Clamp	(Refer Pg. 280 for details) 	CA702 / CA802		50		
Marking Tag	(Refer Pg. 286 for details) 	MC5		10		
Screw Driver		SCS0.5/3 Blade size: 0.5 x 3.0 mm		10		
Jumpers		Uninsulated	Insulated	Imax	Standard Pack	
Screw Type Jumpers		2 pole	CA721/2	JT2.5/2	24 A	100
		3 pole	CA721/3	JT2.5/3	24 A	100
		4 pole	CA721/4	JT2.5/4	24 A	100
		10 pole	CA721/10	JT2.5/10	24 A	10
Configurable Jumper Bar		2 pole	CA703/01		24 A	100
		3 pole	CA704/01		24 A	100
		4 pole	CA705/01		24 A	100
		10 pole	CA731/10		24 A	100
		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 ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm

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

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



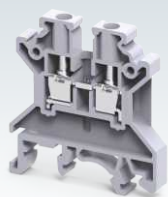
Polyamide 6,6 / 1

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
CTSG4 (Refer Pg. 168 for details)	50
CTS2.5UEEX	100
CTS2.5UEBUX	100
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	JT4/2	32 A	100
CA722/3	JT4/3	32 A	100
CA722/4	JT4/4	32 A	100
CA722/10	JT4/10	32 A	10
CA703/1		32 A	
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	100
CA707/S/Q/01			10
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	100
CA707/TS/01			20

CTS4UN



6 x 43 mm

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm

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

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
CTSG4 (Refer Pg. 168 for details)	50
CTS4UNEX	100
CTS4UNBUX	100
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	JT4/2	32 A	100
CA722/3	JT4/3	32 A	100
CA722/4	JT4/4	32 A	100
CA722/10	JT4/10	32 A	10
CA703/1		32 A	
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	100
CA707/S/Q/01			10
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	100
CA707/TS/01			20

CTS6U



8 x 43 mm

47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
0.5 - 6.0 mm ²	22 - 8 AWG
0.5 - 6.0 mm ²	
0.5 - 6.0 mm ²	22 - 8 AWG
0.5 - 4.0 mm ²	22 - 10 AWG
0.5 - 4.0 mm ²	22 - 10 AWG

9 mm

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

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. 169 for details)	50
CTS6UJEX	100
CTS6UBJEX	100
EP6/10U	50
PP6/10U	50
SP6/10U	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

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

STANDARD FEED THROUGH TERMINAL BLOCKS

Width (Thickness) x Length

Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail

Connection Possibility as per

With 1 Conductor per clamp
Stranded / Flexible
Solid
with Ferrule / Lug

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

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block

Grey
Blue
Red
Yellow
Black
Green
Orange
White
Ground / Earth
For Ex (e) Applications
For Ex (i) Applications

End Plate



Partition Plate



Separator Plate



Mounting Rail (Refer Pg. 279 for details)



End Clamp (Refer Pg. 280 for details)



Marking Tag (Refer Pg. 286 for details)



Screw Driver



Jumpers

Screw Type
Jumpers

Configurable
Jumper Bar

Short Sleeve & Screw for
configurable jumper bar


Switchable Jumpers


Long Sleeve & Screw
for Switchable Jumpers

External
Jumpers


Test Socket



CTS10U



10 x 43 mm

47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
0.5 - 10.0 mm ²	16 - 6 AWG
0.5 - 10.0 mm ²	16 - 6 AWG
0.5 - 6.0 mm ²	16 - 10 AWG
0.5 - 6.0 mm ²	16 - 10 AWG

11 mm

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

1000 V 600 V 600 V 690 V

57 A 65 A 65 A 50 A

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



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS10U	100
CTS10UBU	100
CTS10UR	100
CTS10UY	100
CTS10UBK	100
CTS10UGN	100
CTS10UO	100
CTS10UW	100
CGT10N (Refer Pg. 170 for details)	50
CTS10UEX	100
CTS10UBUEX	100

EP6/10U 50

PP6/10U 50

SP6/10U 100

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

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

CA702 / CA802 50

MC10 10

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

Uninsulated	Insulated	Imax	Standard Pack
CA724/2	CA744/2	57 A	100
CA724/3	CA744/3	57 A	50
CA724/4	CA744/4	57 A	50
CA724/10	CA744/10	57 A	10
CA703/3		57 A	100
CA704/3		57 A	100
CA705/3		57 A	100
CA734/10		57 A	100

CA707/S/Q/1 100

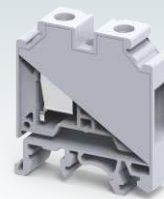
CA706/3 57 A 100

CA707/L/Q/1 100

	CA718/2	57 A	100
	CA718/3	57 A	50
	CA718/4	57 A	50
	CA718/10	57 A	20

CA707/TS/05 100

CTS16U



12 x 43 mm

47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
0.2 - 16.0 mm ²	20 - 4 AWG
0.2 - 16.0 mm ²	20 - 4 AWG
0.2 - 10.0 mm ²	20 - 8 AWG
0.2 - 10.0 mm ²	20 - 8 AWG

12 mm

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

1000 V 600 V 600 V 690 V

76 A 85 A 70 A 66 A

1.2 Nm 14 lb-in 14 lb-in 2.0 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS16U	50
CTS16UBU	50
CTS16UR	50
CTS16UY	50
CTS16UBK	50
CTS16UGN	50
CGT16N (Refer Pg. 170 for details)	50
CTS16UEX	50
CTS16UBUEX	50

SP6/10U 100

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

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

CA702 / CA802 50

MC12 10

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

Uninsulated	Insulated	Imax	Standard Pack
CA751/2	CA761/2	65 A	50
CA751/3	CA761/3	65 A	50
CA751/4	CA761/4	65 A	50
CA751/10	CA761/10	65 A	10
CA703/8		65 A	100
CA704/8		65 A	100
CA705/8		65 A	100
CA739/10		65 A	100

CA707/S/Q/1 100

CA706/3 57 A 100

CA707/L/Q/1 100

	CA719/10	76 A	20
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CA707/TS/05 100

CTS25UN



12 x 48 mm

57.2 mm / 64.7 mm / 62.3 mm

IEC	UL - CSA
4.0 - 25.0 mm ²	14 - 2 AWG
4.0 - 25.0 mm ²	14 - 2 AWG
4.0 - 16 mm ²	14 - 4 AWG
4.0 - 10 mm ²	14 - 6 AWG

14 mm

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

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
CTS25UNR	50
CTS25UNY	50
CTS25UNBK	50
CTS25UNGN	50

CTS25UNEX	50
CTS25UNBUEX	50

PP25UN	50
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CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50

CA702 / CA802	50
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MC12	10
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SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10
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Uninsulated	Insulated	Imax	Standard Pack
CA725/2	CA745/2	90 A	50
CA725/3	CA745/3	90 A	20
CA725/4	CA745/4	90 A	20
CA725/10	CA745/10	90 A	10
CA703/4		90 A	100
CA704/4		90 A	100
CA705/4		90 A	100
CA735/10		90 A	100

CA707/S/Q/2	100
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CTS35UN



16 x 50.5 mm

59.2 mm / 66.7 mm / 64.3 mm

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

15 mm

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

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
CTS35UNR	50
CTS35UNY	50
CTS35UNBK	50
CTS35UNGN	50

CGT35U (Refer Pg. 171 for details)	20
CTS35UNEX	50
CTS35UNBUEX	50

PP35UN	50
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CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50

CA702 / CA802	50
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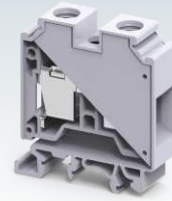
MC16	10
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SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10
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Uninsulated	Insulated	Imax	Standard Pack
CA771/2	CA781/2	105 A	50
CA771/3	CA781/3	105 A	20
CA771/4	CA781/4	105 A	20
CA771/10	CA781/10	105 A	10
CA703/10		105 A	100
CA704/10		105 A	100
CA705/10		105 A	100
CA770/10		105 A	10

CA707/S/Q/2	100
-------------	-----

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 ²	12 - 2 AWG
4.0 - 35.0 mm ²	12 - 2 AWG
4.0 - 16.0 mm ²	12 - 4 AWG
4.0 - 16.0 mm ²	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. 171 for details)	20
------------------------------------	----

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

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

CA702 / CA802	50
---------------	----

MC16	10
------	----

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

Uninsulated	Insulated	Imax	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
-------------	-----

STANDARD FEED THROUGH TERMINAL BLOCKS

CTS50/70N



20.5 x 77 mm

71.1 mm / 78.1 mm

IEC	UL - CSA
10.0 - 70.0 mm ²	8 - 2/0 AWG
10.0 - 70.0 mm ²	8 - 2/0 AWG
10.0 - 35.0 mm ²	8 - 1/0 AWG

22 mm

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

1000 V 1000 V 1000 V 800 V

192 A 175 A 175 A 172 A

3.0 Nm 38 lb-in 38 lb-in 3.0 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS50/70N	20
CTS50/70NBU	20
CTS50/70NR	20
CTS50/70NY	20
CTS50/70NBK	20
CTS50/70NGN	20
CGT50/70N (Refer Pg. 171 for details)	20
CTS50/70NEX	20
CTS50/70NBUEx	20

AUX6	10
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA202 / CA102	50
MC16	10

Type / Cat. No.	Imax	Standard Pack
CA628/2	192 A	10
CA628/3	192 A	10

CTS50/70NA



With Allen screw



20.5 x 77 mm

71.1 mm / 78.1 mm

IEC	UL - CSA
10.0 - 70.0 mm ²	8 - 2/0 AWG
10.0 - 70.0 mm ²	8 - 2/0 AWG
10.0 - 35.0 mm ²	8 - 1/0 AWG

22 mm

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

1000 V 1000 V 1000 V 800 V

192 A 175 A 175 A 172 A

3.0 Nm 38 lb-in 38 lb-in 3.0 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS50/70NA	20
CTS50/70NABU	20
CTS50/70NAR	20
CTS50/70NAY	20
CTS50/70NABK	20
CTS50/70NAGN	20
CGT50/70N (Refer Pg. 171 for details)	20
CTS50/70NAEX	20
CTS50/70NABUEx	20

AUX6	10
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA202 / CA102	50
MC16	10

Type / Cat. No.	Imax	Standard Pack
CA628/2	192 A	10
CA628/3	192 A	10

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 with Ferrule / Lug

With 2 same size Conductors per clamp Stranded / Flexible

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block

Grey

Blue

Red

Yellow

Black

Green

Ground / Earth

For Ex (e) Applications

For Ex (i) Applications

Auxiliary / Pick Off Terminal



Mounting Rail (Refer Pg. 279 for details)



End Clamp (Refer Pg. 280 for details)



Marking Tag (Refer Pg. 286 for details)



Jumpers

Screw Type



Jumpers

2 pole

3 pole

CTS95/120N



With Allen screw

27 x 85 mm

83.0 mm / 90.5 mm

IEC	UL - CSA
25.0 - 120.0 mm ²	2 - 250 kcmil
25.0 - 120.0 mm ²	2 - 250 kcmil
25.0 - 70 mm ²	2 - 2/0 AWG

24 mm

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

1000 V	1000 V	1000 V	800 V
269 A	240 A	240 A	242 A
6.0 Nm	90 lb-in	90 lb-in	6.0 Nm



Polyamide 6,6 / 1

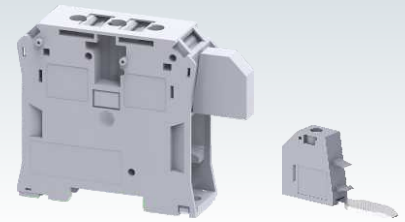
8 KV / 3

Type / Cat. No.	Standard Pack
CTS95/120N	10
CTS95/120NBU	10
CTS95/120NR	10
CTS95/120NY	10
CTS95/120NBK	10
CTS95/120NGN	10
CTS95/120NEX	10
CTS95/120NBUEX	10
AUX6	10
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA202 / CA102	50
MC16	10

Type / Cat. No.	Imax	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

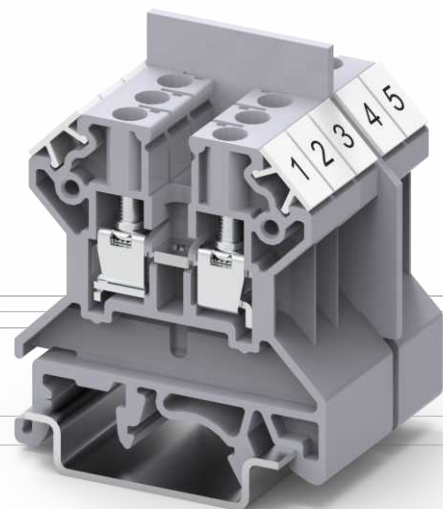
0.5 - 6.0 mm ²	22 - 8 AWG
0.5 - 6.0 mm ²	22 - 8 AWG
0.5 - 4.0 mm ²	22 - 10 AWG
0.5 - 4.0 mm ²	22 - 10 AWG

IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
1000 V	600 V	600 V	630 V
41 A	50 A	50 A	36 A
0.8 Nm	14 lb-in	14 lb-in	0.8 Nm

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

Auxiliary Terminal

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 303.

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 ²		22 - 10 AWG	
	Solid	0.2 - 6.0 mm ²			
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm ²		22 - 10 AWG	
	Stranded / Flexible	0.2 - 2.5 mm ²		22 - 12 AWG	
Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²		22 - 12 AWG	
Wire Stripping Length		9 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
Voltage		630 V	600 V	600 V	690 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				
	For Ex (e) Applications	CMC1-2EX		100	
	For Ex (i) Applications	CMC1-2BUEX		100	
End Plate		EPCMC1-2		50	
Mounting Rail	(Refer Pg. 279 for details)	CA701-1M / CA701-1M-S		25 / 50	
		CA701-15-1M / CA701-15-1M-S		25 / 50	
End Clamp		CA702 / CA802		50	
Marking Tag		MC6		10	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10	
Jumpers		Uninsulated		Insulated	
Screw Type Jumpers	2 pole	JT4/2		32 A	
	3 pole	JT4/3		32 A	
	4 pole	JT4/4		32 A	
	10 pole	JT4/10		32 A	
Configurable Jumper Bar	2 pole	CA703/1		32 A	
	3 pole	CA704/1		32 A	
	4 pole	CA705/1		32 A	
	10 pole	CA732/10		32 A	
	10 pole (Breakable)	CA732/10-A		32 A	
	100 pole	CA732/100		32 A	
Short Sleeve & Screw for configurable jumper bar		CA707/S/Q/01		100	
External Jumpers	2 pole	CA713/2		30 A	
	3 pole	CA713/3		30 A	
	4 pole	CA713/4		30 A	
	10 pole	CA713/10		30 A	
Test Socket		CA707/TS/01		100	

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

CMC2-2



6 x 65 mm

53.4 mm / 60.5 mm / 58.7 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
630 V	600 V	600 V	690 V
32 A	35 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm



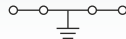
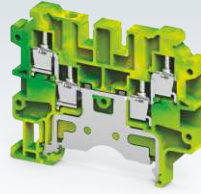
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMC2-2	50
CMC2-2BU	50
CMCG4 (Refer Pg. 158 for details)	50
CMC2-2EX	50
CMC2-2BUEX	50
EPCMC2-2	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I _{max}	Standard Pack
	JT4/2	32 A	100
	JT4/3	32 A	100
	JT4/4	32 A	100
	JT4/10	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
	CA713/2	30 A	100
	CA713/3	30 A	100
	CA713/4	30 A	100
	CA713/10	30 A	20
CA707/TS/01			100

CMCG4



6 x 65 mm

53.7 mm / 60.9 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	24 - 12 AWG

9 mm

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



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMCG4	50
EPCKT4U/4	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

[illegible]

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.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.

Width (Thickness) x Length

Height with DIN 35 x 7.5 / 35 x 15

Connection Possibility as per

With 1 Conductor per clamp Stranded / Flexible
Solid
with Ferrule / Lug

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

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block With Stackable Function Grey
With Stackable Function Blue
Grey
Blue
For Ex (e) Applications
For Ex (i) Applications
For Ex (e) Applications
For Ex (i) Applications

End Plate  Front Side
Back Side

Mounting Rail (Refer Pg. 279 for details) 

End Clamp (Refer Pg. 280 for details) 

Marking Tag (Refer Pg. 286 for details) 

Screw Driver 

Jumpers

Pluggable Jumpers

Test Plug



ODL2.5A



5 x 59 mm

61 mm / 68.5 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 4.0 mm ²	
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 1.5 mm ²	24 - 16 AWG
0.2 - 1.5 mm ²	24 - 16 AWG

8 mm

IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
800 V	300 V	300 V	500 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

8 KV / 3

Type / Cat. No.	Standard Pack
ODL2.5A	50
ODL2.5ABU	50
ODL2.5	50
ODL2.5BU	50
ODL2.5AEX	50
ODL2.5ABUEX	50
ODL2.5EX	50
ODL2.5BUEX	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC5	10
SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Type / Cat. No.	I _{max}	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

ODL2.5A(I.S)



5 x 59 mm

61 mm / 68.5 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 4.0 mm ²	
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 1.5 mm ²	24 - 16 AWG
0.2 - 1.5 mm ²	24 - 16 AWG

8 mm

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

800 V	300 V	300 V	500 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

8 KV / 3

Type / Cat. No.	Standard Pack
ODL2.5A(I.S)	50
ODL2.5A(I.S)BU	50
ODL2.5(I.S)	50
ODL2.5(I.S)BU	50
ODL2.5A(I.S)EX	50
ODL2.5A(I.S)BUEX	50
ODL2.5(I.S)EX	50
ODL2.5(I.S)BUEX	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC5	10
SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Type / Cat. No.	Imax	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 59 mm

61 mm / 68.5 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 4.0 mm ²	
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 1.5 mm ²	24 - 16 AWG
0.2 - 1.5 mm ²	24 - 16 AWG

8 mm

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

800 V	300 V	300 V	500 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

8 KV / 3

Type / Cat. No.	Standard Pack
ODLG2.5A	50
ODLG2.5	50
ODLG2.5AEX	50
ODLG2.5EX	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC5	10
SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Type / Cat. No.	Imax	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 59 mm

61 mm / 68.5 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 4.0 mm ²	
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 1.5 mm ²	24 - 16 AWG
0.2 - 1.5 mm ²	24 - 16 AWG

8 mm

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

-	-	-	-
-	-	-	-
0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODLG2.5A(I.S)	50
ODLG2.5(I.S)	50
ODLG2.5A(I.S)EX	50
ODLG2.5(I.S)EX	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC5	10
SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

Type / Cat. No.	Imax	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



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 2 same size Conductors per clamp	with Ferrule / Lug
	Stranded / Flexible with TWIN Ferrule / Lug

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block

Grey
Blue
Red
Yellow
Black
Green
Orange
White
Ground / Earth
For Ex (e) Applications
For Ex (i) Applications

End Plate



Separator Plate



Mounting Rail (Refer Pg. 279 for details)



End Clamp (Refer Pg. 280 for details)



Marking Tag (Refer Pg. 286 for details)



Screw Driver



6 x 57 mm

59.5 mm / 67.2 mm / 64.5 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

9 mm

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

800 V	600 V	600 V	440 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
CDL4UN	100
CDL4UNBU	100
CDL4UNR	100
CDL4UNY	100
CDL4UNBK	100
CDL4UNGN	100
CDL4UNO	100
CDL4UNW	100
CDLG4 (Refer Pg. 162 for details)	100
CDL4UNEX	100
CDL4UNBUEX	100

EPCDL4UN	50
SPCDL4U	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CDL4UN(I.S)



6 x 57 mm

59.5 mm / 67.2 mm / 64.5 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

9 mm

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

800 V	600 V	600 V	440 V
32 A	35 A	35 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
CDL4UN(I.S)	100
CDL4UN(I.S)BU	100
CDL4UN(I.S)R	100
CDL4UN(I.S)Y	100
CDL4UN(I.S)BK	100
CDL4UN(I.S)GN	100
CDL4UN(I.S)O	100
CDL4UN(I.S)W	100
CDLG4(I.S) (Refer Pg. 162 for details)	100
CDL4UN(I.S)EX	100
CDL4UN(I.S)BUEX	100

EPCDL4UN	50
SPCDL4U	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
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
10 pole

Configurable Jumper Bar



2 pole
3 pole
4 pole
10 pole
10 pole (Breakable)
100 pole

Short Sleeve & Screw for configurable jumper bar



External Jumpers



2 pole
3 pole
4 pole
10 pole

Test Socket



Uninsulated	Insulated	I _{max}	Standard Pack
	JT4/2	32 A	100
	JT4/3	32 A	100
	JT4/4	32 A	100
	JT4/10	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
	CA714/2	32 A	100
	CA714/3	32 A	100
	CA714/4	32 A	100
	CA714/10	32 A	20

CA707/TS/01 100

Uninsulated	Insulated	I _{max}	Standard Pack
	JT4/2	32 A	100
	JT4/3	32 A	100
	JT4/4	32 A	100
	JT4/10	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
	CA714/2	32 A	100
	CA714/3	32 A	100
	CA714/4	32 A	100
	CA714/10	32 A	20

CA707/TS/01 100

CDLG4



6 x 57 mm

59.5 mm / 67.2 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	24 - 12 AWG

8 mm

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

500 V	150 V	150 V	440 V
32 A	32 A	30 A	28 A
0.5 Nm	4.5 lb-in	4.5 lb-in	0.5 Nm

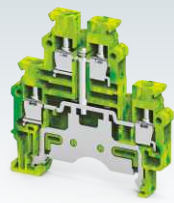


Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CDLG4	100
CDLG4EX	100
EPCDL4UN	50
SPCDL4U	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CDLG4(I.S)



6 x 57 mm

59.5 mm / 67.2 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	24 - 12 AWG

8 mm

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

-	-	-	-
-	-	-	-
0.5 Nm	4.5 lb-in	4.5 lb-in	0.5 Nm



Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CDLG4(I.S) (Green-Yellow)	100
CDLG4(I.S)EX	100
EPCDL4UN	50
SPCDL4U	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

ODL4U



6 x 68 mm

65.0 mm / 71.7 mm / 69.2 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

9 mm

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

800 V	600 V	600 V	550 V
32 A	35 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm



Polyamide 6,6 / 1

6 KV / 3

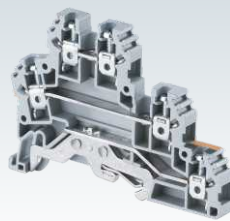
Type / Cat. No.	Standard Pack
ODL4U	50
ODL4UBU	50
ODL4UA (Grey Stackable)	50
ODL4UEX	50
ODL4UBUEX	50
EPODL4U (Front Side)	50
EP1ODL4U (Back Side)	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
	JT4/2	32 A	100
	JT4/3	32 A	100
	JT4/4	32 A	100
	JT4/10	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
	CA714/2	32 A	100
	CA714/3	32 A	100
	CA714/4	32 A	100
	CA714/10	32 A	20
CA707/TS/01			100

Uninsulated	Insulated	Imax	Standard Pack
	JT4/2	32 A	100
	JT4/3	32 A	100
	JT4/4	32 A	100
	JT4/10	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
	CA714/2	32 A	100
	CA714/3	32 A	100
	CA714/4	32 A	100
	CA714/10	32 A	20
CA707/TS/01			100

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

CDLG2.5



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

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

IEC	UL - CSA
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 16 AWG

Wire Stripping Length

9 mm

Ratings As Per

IEC60947-7-2 UL-1059

Voltage

500 V

300 V

Current

24 A

24 A

Torque

0.4 Nm

4.5 lb-in

Approvals



Insulation Material / Material Group

Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree

6 KV / 3

Terminal Block

Grey

Blue

For Ex (e) Applications
For Ex (i) Applications

CDLG2.5

20

CDLG2.5EX

20

End Plate



EPCDLG2.5

50

Separator Plate



SPCDLG2.5

100

Mounting Rail (Refer Pg. 279 for details)



CA701-1M / CA701-1M-S

25 / 50

CA701-15-1M / CA701-15-1M-S

25 / 50

End Clamp (Refer Pg. 280 for details)



CA702 / CA802 / CA202

50

Marking Tag (Refer Pg. 286 for details)



CA509/K2GWHT*

100

Screw Driver



SCS0.5/3

Blade size: 0.5 x 3 mm

10

* K Type Marker

Jumpers

Screw Type
Jumpers


2 pole

3 pole

4 pole

10 pole

CA627/2

24 A

100

CA627/3

24 A

100

CA627/4

24 A

100

CA627/10

24 A

10

Jumper
Bar


2 pole

3 pole

4 pole

10 pole

10 pole (Breakable)

100 pole

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

Short Sleeve & Screw for
configurable jumper bar

External
Jumpers


2 pole

3 pole

4 pole

10 pole

CA715/2

24 A

100

CA715/3

24 A

100

CA715/4

24 A

100

CA715/10

24 A

20

CA707/TS/01

100

Test Socket



CTL2.5U



6 x 84 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

9 mm

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

500 V

300 V

300 V

440 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

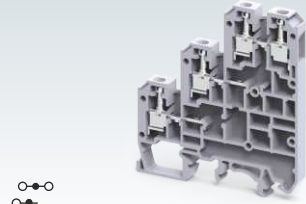
Type / Cat. No.	Standard Pack
CTL2.5U	50
CTL2.5UBU	50
CTL2.5UJEX	50
CTL2.5UBUJEX	50
EPCTL2.5U	50

CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I _{max}	Standard Pack
JT4/2	32 A	100
JT4/3	32 A	100
JT4/4	32 A	100
JT4/10	32 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



6 x 60.7 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

9 mm

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

500 V	300 V	300 V	440 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

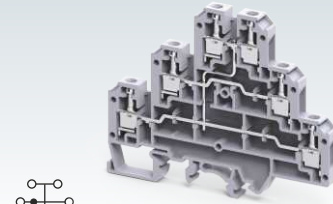
Type / Cat. No.	Standard Pack
CTL2.5UH	50
CTL2.5UHBU	50
CTL2.5UHEX	50
CTL2.5UHBUEx	50
EPCTL2.5UH	50

CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I _{max}	Standard Pack
JT4/2	32 A	100
JT4/3	32 A	100
JT4/4	32 A	100
JT4/10	32 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 ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

9 mm

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

500 V	150 V	150 V	440 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
CTL2.5U(I.S)	50
CTL2.5U(I.S)BU	50
CTL2.5U(I.S)EX	50
CTL2.5U(I.S)BUEx	50
EPCTL2.5U	50

CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I _{max}	Standard Pack
JT4/2	32 A	100
JT4/3	32 A	100
JT4/4	32 A	100
JT4/10	32 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 60.7 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	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

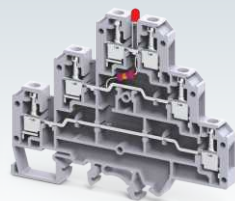
Type / Cat. No.	Standard Pack
CTL2.5UH(I.S)D2	50
EPCTL2.5UH	50

CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I _{max}	Standard Pack
JT4/2	32 A	100
JT4/3	32 A	100
JT4/4	32 A	100
JT4/10	32 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

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

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

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

Wire Stripping Length

9 mm

Ratings As Per

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

Voltage

500 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

4 KV / 3

Terminal Block	Grey
End Plate	
Mounting Rail (Refer Pg. 279 for details)	
End Clamp (Refer Pg. 280 for details)	
Marking Tag (Refer Pg. 286 for details)	
Screw Driver	

Type / Cat. No.	Standard Pack
CTL2.5UL*	50
EPCTL2.5U	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.5/3 Blade size: 0.5 x 3 mm	10

6 x 60.7 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 1.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 14 AWG

9 mm

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

500 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

4 KV / 3

Type / Cat. No.	Standard Pack
CTL2.5UHL*	50
EPCTL2.5UH	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Jumpers

Screw Type Jumpers		2 pole	JT4/2	32 A	100
		3 pole	JT4/3	32 A	100
		4 pole	JT4/4	32 A	100
		10 pole	JT4/10	32 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		100

Type / Cat. No.	Imax	Standard Pack
JT4/2	32 A	100
JT4/3	32 A	100
JT4/4	32 A	100
JT4/10	32 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

Type / Cat. No.	Imax	Standard Pack
JT4/2	32 A	100
JT4/3	32 A	100
JT4/4	32 A	100
JT4/10	32 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

* 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 ²	24 - 12 AWG
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 1.5 mm ²	24 - 14 AWG
0.2 - 1.5 mm ²	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		



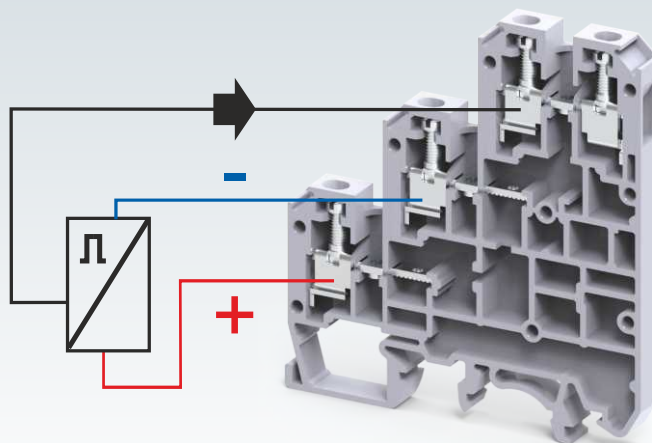
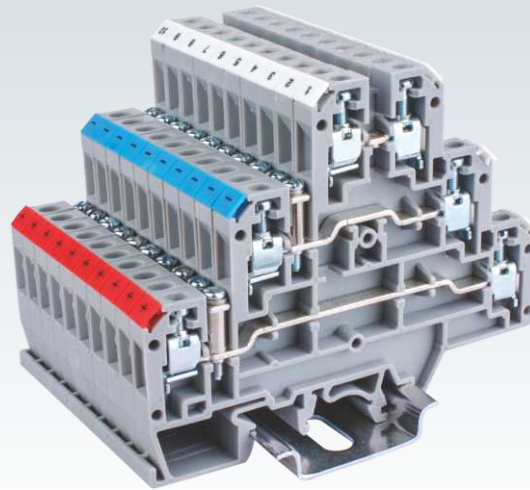
Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CTLG2.5	20
EPCTLG2.5	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
CA509/K2GWHT*	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	I _{max}	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

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 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.

CTSG2.5, CTSG4, 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.

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 303.

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 2 same size Conductors per clamp	with Ferrule / Lug
	Stranded / Flexible with TWIN Ferrule / Lug

Wire Stripping Length

Ratings As Per

Torque

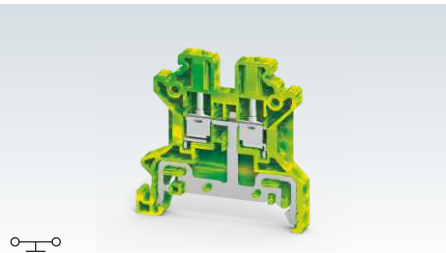
Torque at Center Screw

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

CTSG2.5



5 x 45.7 mm

45.8 mm / 53.3 mm

IEC	UL - CSA
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 1.5 mm ²	24 - 16 AWG
0.2 - 1.5 mm ²	24 - 16 AWG

8 mm

IEC60947-7-2 UL-1059 IEC60079

0.4 Nm 7 lb.in 0.4 Nm

- - -

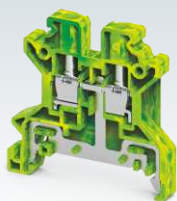


Polyamide 6,6 / 1

8 KV / 3

		Type / Cat. No.	Standard Pack
Terminal Block	Ground Terminal Blocks for Ex Applications	CTSG2.5	50
		CTSG2.5EX	50
End Plate		EPG2.5/4	50
Mounting Rail	(Refer Pg. 279 for details)	CA701-1M / CA701-1M-S	25 / 50
		CA701-15-1M / CA701-15-1M-S	25 / 50
Marking Tag	(Refer Pg. 286 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 ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	24 - 12 AWG

8 mm

IEC60947-7-2 UL-1059 IEC60079

0.5 Nm	7 lb-in	0.4 Nm	
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Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTSG4	50
CTSG4EX	50
EPG2.5/4	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CGT4N



6 x 54.5 mm

47.0 mm / 54.4 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm

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

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

0.8 Nm 7 lb-in 7 lb-in



Polyamide 6,6 / 1

8 KV / 3

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

* Under Obsolescence

CGT4U



6 x 43 mm

49.5 mm / 56.7 mm / 54.3 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm

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

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

0.8 Nm 7 lb-in 7 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT4U	50
EPCGT4UY	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA501-1M / CA501-1M-S	50 m
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

* Under Obsolescence

GROUND 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.

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

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.

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 2 same size Conductors per clamp	with Ferrule / Lug
	Stranded / Flexible with TWIN Ferrule / Lug

Wire Stripping Length

Ratings As Per

Torque

Torque at Center Screw

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block Ground Terminal Blocks for Ex Applications

Mounting Rail (Refer Pg. 279 for details)

Marking Tag (Refer Pg. 286 for details)

Screw Driver



CGT6N



8 x 55 mm

48.2 mm / 55 mm

IEC	UL - CSA
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 4.0 mm ²	22 - 10 AWG

12 mm

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

0.8 Nm 14 lb-in 14 lb-in 0.8 Nm

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



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT6N	50
CGT6NEX	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

CGT10N



10 x 55 mm

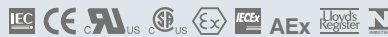
48.5 mm / 56.0 mm

IEC	UL - CSA
0.2 - 10.0 mm ²	16 - 6 AWG
0.2 - 10.0 mm ²	16 - 6 AWG
0.2 - 6.0 mm ²	16 - 10 AWG
0.2 - 6.0 mm ²	16 - 10 AWG

12 mm

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

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



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 ²	16 - 8 AWG
0.2 - 10.0 mm ²	16 - 8 AWG
0.2 - 6.0 mm ²	16 - 10 AWG
0.2 - 6.0 mm ²	16 - 10 AWG

12 mm

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

1.2 Nm	14 lb-in	14 lb-in	1.2 Nm
0.5 Nm	4.5 lb-in	4.5 lb-in	0.5 Nm



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 ²	20 - 4 AWG
0.2 - 16.0 mm ²	20 - 4 AWG
0.2 - 10.0 mm ²	20 - 6 AWG
0.2 - 10.0 mm ²	20 - 6 AWG

16 mm

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

1.2 Nm	14 lb-in	14 lb-in	2.0 Nm
1.2 Nm	14 lb-in	14 lb-in	1.2 Nm



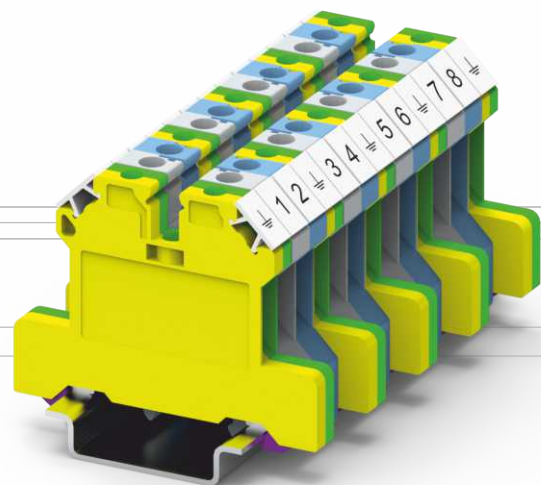
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT10N	50
CGT10NEX	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
MC10	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Standard Pack
CGT10U	50
CGT10UEX	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA501-1M / CA501-1M-S	50 m
MC10	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Standard Pack
CGT16N	50
CGT16NEX	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
MC12	10
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

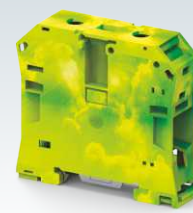


GROUND TERMINAL BLOCKS

CGT35U



CGT50/70N



Width (Thickness) x Length

16 x 58 mm

Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail

63.2 mm / 70.5 mm / 68.0 mm

Connection Possibility as per

With 1 Conductor
per clampStranded / Flexible
Solid
with Ferrule / LugIEC
4.0 - 35.0 mm²

UL - CSA

8 - 2 AWG

With 2 same size
Conductors per clampStranded / Flexible
with TWIN Ferrule / Lug4.0 - 35.0 mm²
4.0 - 25.0 mm²8 - 2 AWG
8 - 4 AWG

Wire Stripping Length

18 mm

Ratings As Per

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

Torque

2.5 Nm 35.4 lb-in 25 lb-in 2.5 Nm

Torque at Center Screw

1.2 Nm 10 lb-in 10 lb-in 1.2 Nm

Approvals



Insulation Material / Material Group

Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree

8 KV / 3

20 x 77 mm

71.1 mm / 78.1 mm

IEC
10.0 - 70.0 mm²

UL - CSA

8 - 2/0 AWG

10.0 - 70.0 mm²
10.0 - 35.0 mm²8 - 2/0 AWG
8 - 2 AWG

22 mm

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

3.0 Nm 38 lb-in 38 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.

Standard Pack

Terminal
Block

Ground

CGT35U

20

Terminal Blocks for Ex Applications

CGT35UEX

20

Mounting Rail (Refer Pg. 279 for details)

CA701-1M / CA701-1M-S
CA701-15-1M / CA701-15-1M-S
CA501-1M / CA501-1M-S25 / 50
25 / 50
50 m

Marking Tag (Refer Pg. 286 for details)



MC16

10

Screw Driver



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

10

Type / Cat. No.

Standard Pack

CGT50/70N

20

CGT50/70NA

20

CGT50/70NEX / CGT50/70NAEX

20

CA701-1M / CA701-1M-S
CA701-15-1M / CA701-15-1M-S25 / 50
25 / 50

MC16

10

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

10

NEUTRAL / EARTH CLAMPS

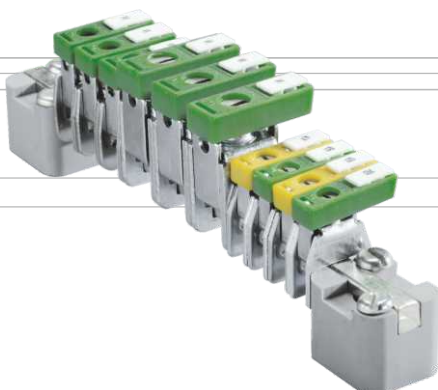
The CENC series clamps are a flexible solution for terminating neutral and grounding wires on bus bar.

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 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail			
Connection Possibility as per			
With 1 Conductor per clamp	Stranded / Flexible	10.0 mm²	
	Solid	22 - 12 AWG	
With 2 same size Conductors per clamp	with Ferrule / Lug	22 - 10 AWG	
	Stranded / Flexible	22 - 12 AWG	
	with TWIN Ferrule / Lug	4.0 mm²	
		22 - 14 AWG	
Wire Stripping Length		12 mm	
Ratings As Per		IEC60947-7-2 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	
Terminal Block	Green	CENC4	
	Blue	CENC4BU	
	Black	CENC4BK	
	Grey	CENC4G	
Bus Bar 6 (H) x 6 (W) mm		NEB6	Imax.: 140 A
Bus Bar 10(H) x 3 (W) mm		NEB10	Imax.: 120 A
Plastic support with fixing screw		NES	50
Bus Bar Support for DIN 35 Rail Mounting		CA202	50
Marking Tag (Refer Pg. 286 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.

PANEL & RAIL MOUNTING ASSEMBLY OF CENC CLAMPS



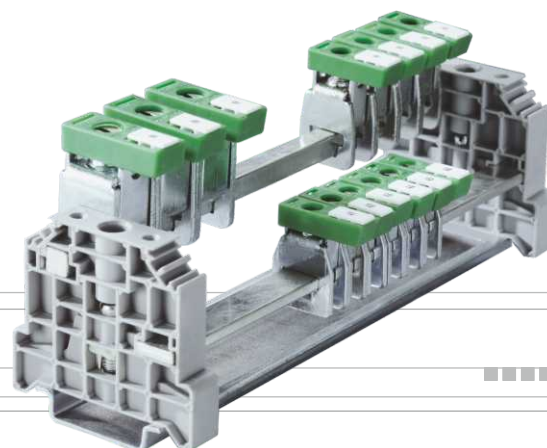
CENC16



CENC35



Width (Thickness) x Length		9.8 x 23.3 mm				14.5 x 27.3 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail									
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	10.0 - 16.0 mm ²		10 - 6 AWG		10.0 - 35.0 mm ²		8 - 2 AWG	
	Solid with Ferrule / Lug	10.0 - 16.0 mm ²		10 - 6 AWG		10.0 - 35.0 mm ²		8 - 2 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	6.0 - 10.0 mm ²		10 - 4 AWG		10.0 - 25.0 mm ²		8 - 4 AWG	
	with TWIN Ferrule / Lug	6.0 - 10.0 mm ²		10 - 4 AWG					
Wire Stripping Length		16 mm				16 mm			
Ratings As Per		IEC60947-7-2		UL-1059		CSA22.2-158		IEC60947-7-2 UL-1059 CSA22.2-158	
Voltage		800 V				800 V			
Current		76 A				125 A			
Torque		2.0 Nm		17.5 lb-in		14 lb-in			
Approvals									
Insulation Material / Material Group		Polyamide 6,6 / 1				Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3				8 KV / 3			
		Type / Cat. No.		Standard Pack		Type / Cat. No.		Standard Pack	
Terminal Block	Green	CENC16		50		CENC35		50	
	Blue	CENC16BU		50		CENC35BU		50	
	Black	CENC16BK		50		CENC35BK		50	
	Grey	CENC16G		50		CENC35G		50	
Bus Bar 6 (H) x 6 (W) mm		NEB6		I _{max.} : 140 A		10		NEB6 I _{max.} : 140 A 10	
Bus Bar 10(H) x 3 (W) mm		NEB10		I _{max.} : 120 A		10		NEB10 I _{max.} : 120 A 10	
Plastic support with fixing screw		NES				50		NES 50	
Bus Bar Support for DIN 35 Rail Mounting		CA202				50		CA202 50	
Marking Tag (Refer Pg. 286 for details)		MC6				10		MC6 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	



SCREW TYPE SHIELD CONNECTION CLAMPS

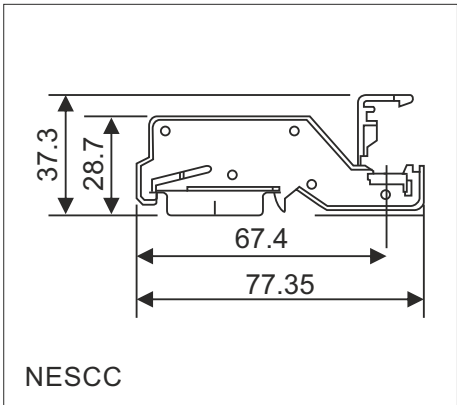
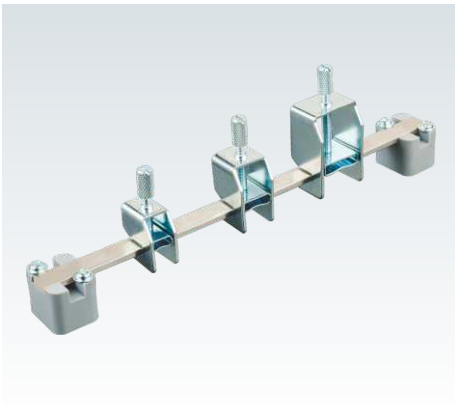
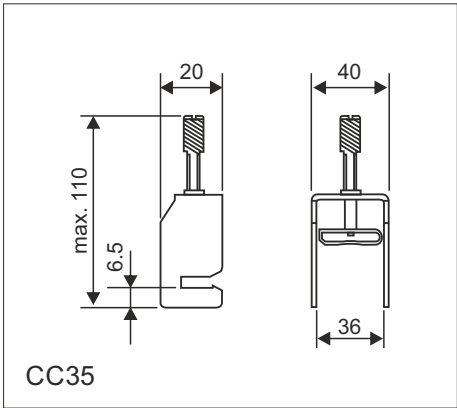
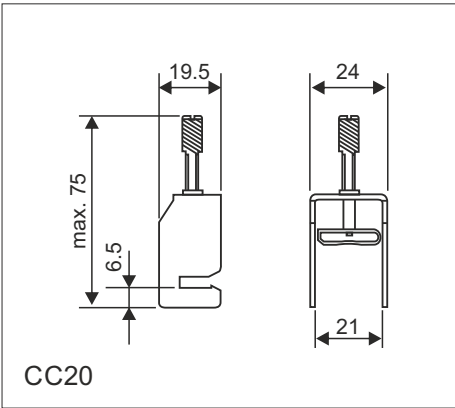
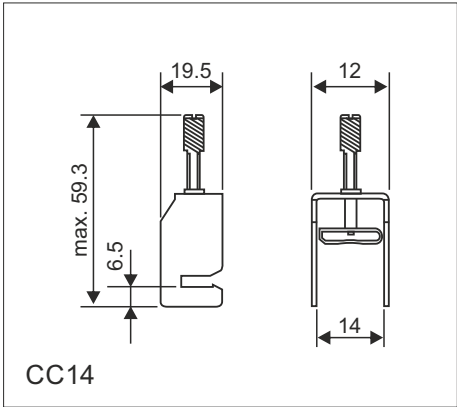
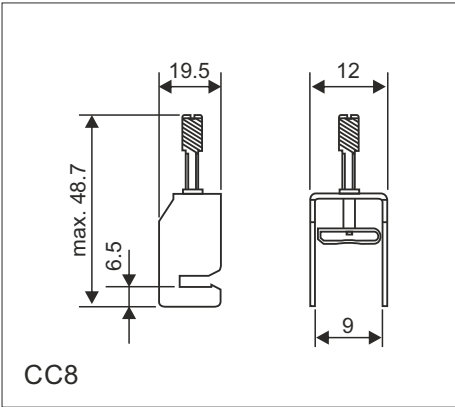
The screw type Shield connection clamps are available with Knurled Screw and suitable for mounting on 10 x 3 mm Busbar. These clamps can be easily used with the holder NES or NESCC.



Type of Mounting Bus bar mounting screw type shield connectors

Shield connection clamps for cable size		Type / Cat. No.	Standard Pack
Ø8 mm, tightening torque 0.6 Nm		CC8	10
Ø14 mm, tightening torque 0.8 Nm		CC14	10
Ø20 mm, tightening torque 0.8 Nm		CC20	10
Ø35 mm, tightening torque 1.5 Nm		CC35	10

Busbar 10(W) X 3(T) mm	NEB10 I _{max} : 120A	10
Mounting Support (Panel Mount)	NES	50
Mounting Support (Din 35 Rail Mounting)	NESCC	20



FUSE TERMINAL BLOCKS

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

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

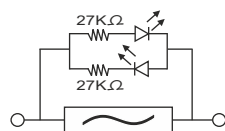
CF4SP series fuse terminals, have a thickness of 6 mm with a provision for using screw type jumpers. These terminals can be used in an alternating configuration with CTS2.5UN, CTS2.5UE, CTS4UN and CF4SPFT feed through terminals.

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

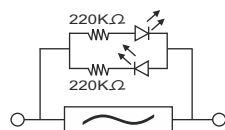
The CAFL series terminals accept Ø¼" x 1" and Ø¼" x 1¼" (Ø6.3 x 32 mm) fuses. Fuse blocks with suffix (L), (N) are used for off-line indication in case of a fuse blow out.

These blocks can be used with AC & DC voltages.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.



LED Circuit for offline indication in CF4UL6-60V / CF4SPL6-60V



LED Circuit for offline indication in CF4UL110-240V / CF4SPL110-240V

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	
Fuse Size	

Terminal Block	Grey Blue Black With LED for 6 - 60 V AC/DC With LED for 110 - 240 V AC/DC With LED for 24 V AC/DC With LED for 48 V AC/DC With LED for 110 V AC/DC With LED for 220 V AC/DC With NEON for 110-220 V AC/DC With NEON for 300 V AC For Ex (e) Applications For Ex (i) Applications
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End Plate	
Mounting Rail (Refer Pg. 279 for details)	
End Clamp (Refer Pg. 280 for details)	
Marking Tag	On Terminal On Fuse Carrier 
Screw Driver	

Jumpers	
Screw Type Jumpers	 2 pole 3 pole 4 pole 10 pole
External Jumpers	 2 pole 3 pole 4 pole 10 pole

CF4U



8 x 58.3 mm	
50.3 mm / 57.6 mm / 56.5 mm	
IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
8 mm	
IEC60947-7-3	UL-1059
800 V	600 V
6.3 A	10 A
0.5 Nm	7 lb-in
	
Polyamide 6,6 / 1	
8 KV / 3	
Ø5 x 20, Ø5 x 25 mm	

Type / Cat. No.	Standard Pack
CF4U	100
CF4UBU	100
CF4UBK	100
CF4UL6-60V	100
CF4UL110-240V	100
CF4UEX*	100
CF4UBUEX*	100
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
	CA711/2	32 A	100
	CA711/3	32 A	50
	CA711/4	32 A	50
	CA711/10	32 A	20

* Also available in LED variants.

CF4SP



6 x 58.5 mm

69.6 mm / 77 mm / 74.5 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	24 - 12 AWG

8 mm

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

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

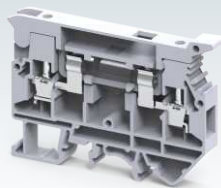


Polyamide 6,6 / 1

4 KV / 3

Ø5 x 20 mm

CAFL4U



9 x 76 mm

55.3 mm / 63.0 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

9.5 mm

IEC60947-7-3 UL-1059 CSA22.2-158 IEC60079

1000 V	600 V	600 V	630 V
6.3 A	16 A	16 A	6.3 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm

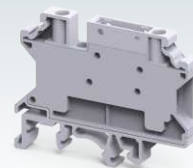


Polyamide 6,6 / 1

8 KV / 3

Ø1/4" x 1", Ø1/4" x 1 1/4" (Ø6.3 x 32 mm)

CF4SPFT



6 x 58.5 mm

46.0 mm / 53.5 mm / 51.1 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	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
CF4SP	50
CF4SPBU	50
CF4SPBK	50
CF4SPL6-60V	50
CF4SPL110-240V	50
CF4SPEX*	50
CF4SPBUEX*	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
CAFL4UW/F	25
CAFL4UBU	25
CAFL4UBK	25
CAFL4UL24V	25
CAFL4UL48V	25
CAFL4UL110V	25
CAFL4UL220V	25
CAFL4UN110V	25
CAFL4UN220V	25
CAFL4UEX*	25
CAFL4UBUEX*	25
EPCAFL4U	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC9	10
MC9	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
CF4SPFT	50
CF4SPFTBU	50
CF4SPFTEX	50
CF4SPFTBUEX	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I _{max}	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

Uninsulated	Insulated	I _{max}	Standard Pack
	CA716/2	32 A	50
	CA716/3	32 A	50
	CA716/4	32 A	50
	CA716/10	32 A	20

Uninsulated	Insulated	I _{max}	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

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.

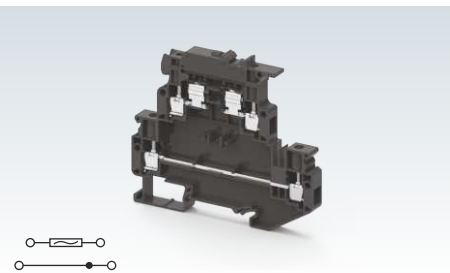
DDFL4U(E) terminals have a specially designed built in circuit which gives light indication in the event of a fuse blow out at the top level.

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 303.

Width (Thickness) x Length		8 x 89.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		77 mm / 84.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²	22 - 10 AWG
	Solid	0.2 - 6.0 mm ²	
	with Ferrule / Lug	0.2 - 4.0 mm ²	22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²	22 - 12 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-3 UL-1059	
Voltage		800 V	300 V
Current	Top Level	6.3 A	6.3 A
	Bottom Level	32 A	32 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	
Fuse Size		Ø5 x 20, Ø5 x 25 mm	

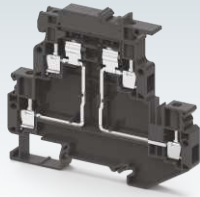
DDFL4



Type / Cat. No.		Standard Pack
Terminal Block	DDFL4 (Standard Black)	20
	DDFL4L6-60V (Standard Black)	20
	DDFL4L110-240V (Standard Black)	20
End Plate	EPDDFL4	50
Mounting Rail (Refer Pg. 279 for details)	CA701-1M / CA701-1M-S	25 / 50
	CA701-15-1M / CA701-15-1M-S	25 / 50
End Clamp (Refer Pg. 280 for details)	CA702 / CA802 / CA202	50
Marking Tag	MC8	10
	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					
External Jumpers					
Screw Type Jumpers					

DDFL4LR



8 x 89.5 mm

77 mm / 84.5 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

9 mm

IEC60947-7-3 UL-1059

800 V	300 V		
6.3 A	6.3 A		
32 A	32 A		
0.5 Nm	7 lb-in		

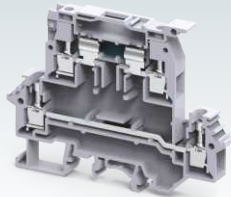


Polyamide 6,6 / 1

8 KV / 3

Ø5 x 20, Ø5 x 25 mm

DDFL4U



8 x 87.6 mm

67 mm / 74.5 mm / 71.9 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm

IEC60947-7-3 UL-1059 CSA22.2-158 IEC60079

800 V	600 V	600 V	500 V
6.3 A	6.3 A	6.3 A	6.3 A
32 A	35 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm

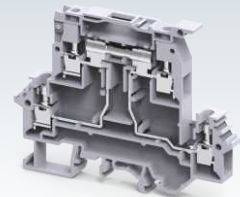


Polyamide 6,6 / 1

8 KV / 3

Ø5 x 20, Ø5 x 25 mm

DDFL4ULR



8 x 87.6 mm

67 mm / 74.5 mm / 71.9 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 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	



Polyamide 6,6 / 1

8 KV / 3

Ø5 x 20, Ø5 x 25 mm

Type / Cat. No.	Standard Pack
DDFL4LR (Standard Black)	20
DDFL4LRL24V (Standard Black)	20
DDFL4LRL48V (Standard Black)	20
EPDDFL4	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC8	10
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Standard Pack
DDFL4UW/F	20
DDFL4UE6-60V	20
DDFL4UE110-240V	20
DDFL4UE24V	20
DDFL4UE48V	20
DDFL4UE110V	20
DDFL4UE220V	20
DDFL4UE440V	20
DDFL4UEX*	20
DDFL4UEBUX*	20
EPDDFL4U	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC8	10
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC8	10
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
JY6/2		35 A	100
JY6/3		35 A	50
JY6/4		35 A	50
JY6/5		35 A	50
JY6/6		35 A	10
JY6/7		35 A	10
JY6/8		35 A	10
JY6/10		35 A	10

Uninsulated	Insulated	Imax	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

Uninsulated	Insulated	Imax	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.

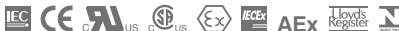
CKT4SP series terminal are completely closed and do not need a separate end plate.

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.

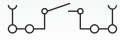
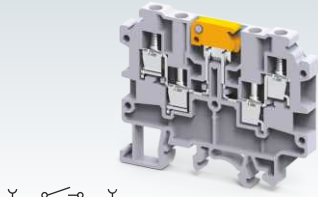
CKT6U terminal has the same profile as that of CTS6U & CTS10U feed through terminals.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.

Width (Thickness) x Length		6 x 46 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		47.2 mm / 54.7 mm / 52.1 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²		22 - 10 AWG	
	Solid	0.2 - 6.0 mm ²			
	with Ferrule / Lug	0.2 - 4.0 mm ²		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²		22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²		22 - 12 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
Voltage		800 V	600 V	600 V	630 V
Current		28 A	35 A	16 A	25 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	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	
	For Ex (e) Applications	CKT4U/SEX		50	
	For Ex (i) Applications	CKT4U/SBUEX		50	
	For Ex (e) Applications	CKT4UEX		50	
	For Ex (i) Applications	CKT4UBUEX		50	
	For Ex (e) Applications	CKT4UHEX		50	
	For Ex (i) Applications	CKT4UHBUEX		50	
End Plate		EPCKT4U		50	
Mounting Rail	(Refer Pg. 279 for details)	CA701-1M / CA701-1M-S		25 / 50	
		CA701-15-1M / CA701-15-1M-S		25 / 50	
End Clamp		CA702 / CA802		50	
Marking Tag		MC6		10	
Screw Driver		SCS0.6/3.5		Blade size: 0.6 x 3.5 mm	

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
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 ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm

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

800 V	600 V	600 V	630 V
17.5 A	20 A	20 A	24 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm



Polyamide 6,6 / 1

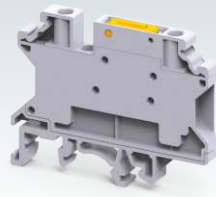
8 KV / 3

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

EPCKT4U/4	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I _{max}	Standard Pack
	CA714/2 [#]	32 A	100
	CA714/3 [#]	32 A	100
	CA714/4 [#]	32 A	100
	CA714/10 [#]	32 A	20

CKT4SP



6 x 58.5 mm

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	24 - 12 AWG

8 mm

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

1000 V	600 V	600 V	630 V
28 A	30 A	30 A	25 A
0.5 Nm	4.5 lb-in	4.5 lb-in	0.5 Nm



Polyamide 6,6 / 1

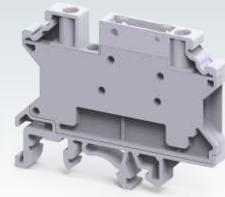
8 KV / 3

Type / Cat. No.	Standard Pack
CKT4SP	50
CKT4SPBU	50
CKT4SPEX	50
CKT4SPBUEX	50

CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I _{max}	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

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	24 - 12 AWG
0.2 - 2.5 mm ²	24 - 12 AWG

8 mm

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

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



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CF4SPFT	50
CF4SPFTBU	50
CF4SPFTTEX	50
CF4SPFTBUEX	50

CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	I _{max}	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.

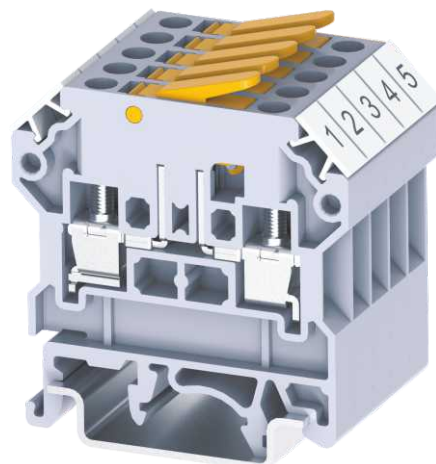
External Jumpers can be used only in the upper level clamping unit of the Terminal Block.

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	IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.5 - 6.0 mm²		
	Solid	22 - 8 AWG		
With 2 same size Conductors per clamp	with Ferrule / Lug	0.5 - 6.0 mm²		
	Stranded / Flexible	22 - 8 AWG		
	with TWIN Ferrule / Lug	0.5 - 2.5 mm²		
		22 - 12 AWG		
Wire Stripping Length	8 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
Voltage	1000 V	600 V	600 V	630 V
Current	24 A	25 A	30 A	21 A
Torque	0.8 Nm	7 lb-in	4.5 lb-in	0.8 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	CKT6U	50	
	Blue	CKT6UBU	50	
	For Ex (e) Applications	CKT6UEX	50	
	For Ex (i) Applications	CKT6UBUEX	50	
End Plate		EP6/10U	50	
Mounting Rail (Refer Pg. 279 for details)		CA701-1M / CA701-1M-S	25 / 50	
		CA701-15-1M / CA701-15-1M-S	25 / 50	
End Clamp (Refer Pg. 280 for details)		CA702 / CA802	50	
Marking Tag (Refer Pg. 286 for details)		MC8	10	
Screw Driver		SCS0.8/4	Blade size: 0.8 x 4 mm	10

Jumpers		Insulated	Imax	Standard Pack	
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.

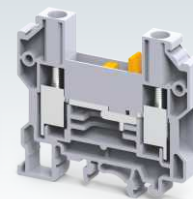
In CDTTU & CDTTUSH disconnection is achieved by means of a slide link operated with a screw driver.

Specially designed socket headed screws act as receptacles for test probes in Disconnecting & Test Terminal Blocks.

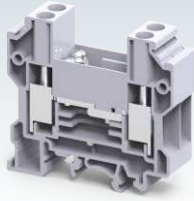
CDTTUFT is a standard feed through terminal with the same profile as that of CDTTU.

Width (Thickness) x Length		8 x 63 mm				
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		58.2 mm / 65.7 mm / 63.1 mm				
Connection Possibility as per		IEC		UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	1.5 - 6.0 mm ²		16 - 8 AWG		
	Solid					
With 2 same size Conductors per clamp	with Ferrule / Lug	1.5 - 6.0 mm ²		16 - 8 AWG		
	Stranded / Flexible	1.5 - 4.0 mm ²		16 - 10 AWG		
with TWIN Ferrule / Lug		1.5 - 4.0 mm ²		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	CDTTU		50		
	Blue	CDTTUBU		50		
End Plate		EPCDTTU		50		
Mounting Rail	(Refer Pg. 279 for details)	CA701-1M / CA701-1M-S		25 / 50		
		CA701-15-1M / CA701-15-1M-S		25 / 50		
End Clamp	(Refer Pg. 280 for details)	CA702 / CA802		50		
Marking Tag	(Refer Pg. 286 for details)	MC8		10		
Screw Driver		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm		10		
Jumpers		Type / Cat. No.		Imax	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

CDTTU



CDTTUSH



16 x 63 mm

58.2 mm / 65.7 mm / 63.1 mm

IEC	UL - CSA
1.5 - 6.0 mm ²	16 - 8 AWG
1.5 - 6.0 mm ²	16 - 8 AWG
1.5 - 4.0 mm ²	16 - 10 AWG
1.5 - 4.0 mm ²	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	



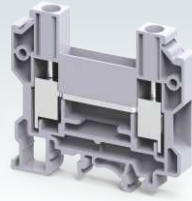
Polyamide 6,6 / 1

2.5 KV / 3

Type / Cat. No.	Standard Pack
CDTTUSH	20
EPCDTTU	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I _{max}	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

58.2 mm / 65.7 mm / 63.1 mm

IEC	UL - CSA
1.5 - 10.0 mm ²	16 - 8 AWG
1.5 - 10.0 mm ²	16 - 8 AWG
1.5 - 4.0 mm ²	16 - 10 AWG
1.5 - 4.0 mm ²	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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I _{max}	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.

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 2 same size Conductors per clamp	with Ferrule / Lug
	Stranded / Flexible with TWIN Ferrule / Lug

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block

Grey

End Plate



Mounting Rail (Refer Pg. 279 for details)



End Clamp (Refer Pg. 280 for details)



Marking Tag (Refer Pg. 286 for details)



Screw Driver



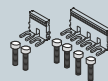
Jumpers

Screw Type Jumpers



2 pole
3 pole
4 pole
10 pole

Sliding Jumpers



2 Pole
3 Pole
4 Pole

Insulated Test Socket



Grey
Red
Yellow
Blue
Black

Switchable Jumpers



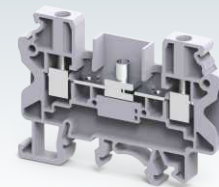
Lock Out Cap

Shorting Plug



2 pole

CDS4U



6 x 62.6 mm

45.2 mm / 52.7 mm / 50.2 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	24 - 10 AWG
0.2 - 2.5 mm ²	14 - 4 AWG
0.2 - 2.5 mm ²	14 - 4 AWG

8 mm

IEC60947-7-1 UL-1059

800 V	600 V		
32 A	28 A		
0.5 Nm	7 lb-in		



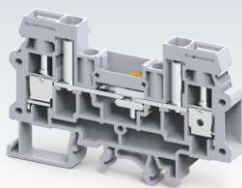
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDS4U	50
EPCDS4U	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	CA742/2	32 A	100
CA722/3	CA742/3	32 A	100
CA722/4	CA742/4	32 A	100
CA722/10	CA742/10	32 A	10

CDS6U



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 4.0 mm ²	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	



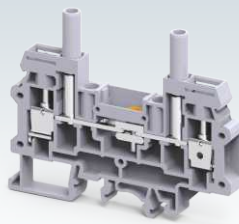
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDS6U	50
CDS6UBU	50
EPCDS6U	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Uninsulated	Insulated	I _{max}	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
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 ²	22 - 8 AWG
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 4.0 mm ²	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	



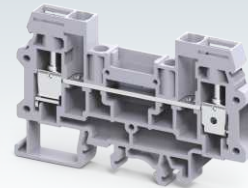
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDS6U/TS	20
EPCDS6U	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Uninsulated	Insulated	I _{max}	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
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 ²	22 - 8 AWG
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 4.0 mm ²	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	



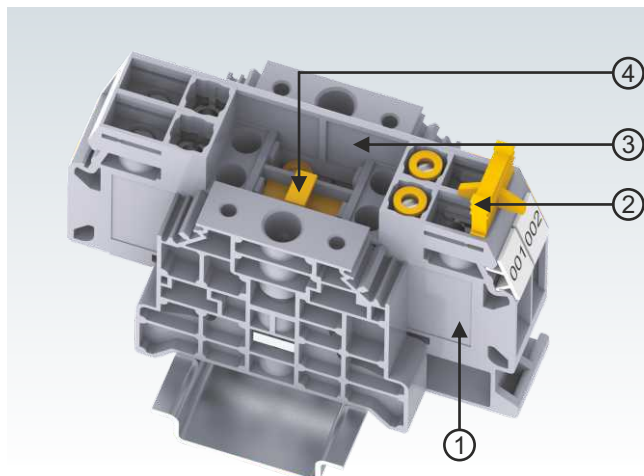
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CDS6U/FT	50
CDS6U/FTS	50
CDS6U/FTSS	50
EPCDS6U	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

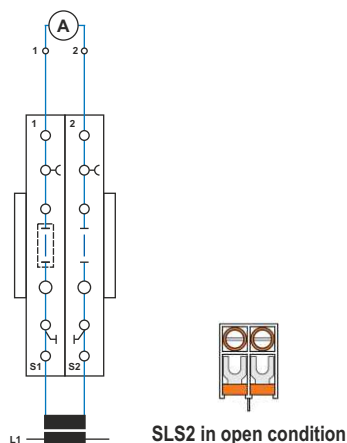
Uninsulated	Insulated	I _{max}	Standard Pack
CA723/2	CA743/2	41 A	100
CA723/3	CA743/3	41 A	50
CA723/4	CA743/4	41 A	50
CA723/10	CA743/10	41 A	10
SWCDS		35 A	50

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

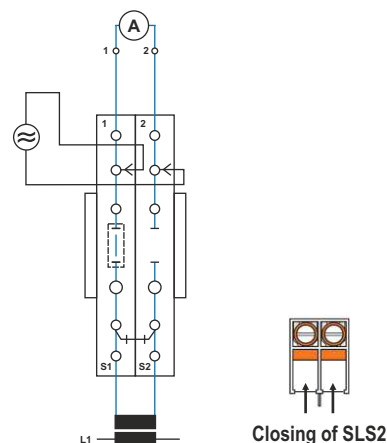


No.	Cat. No.	Qty.
1	CDS6U	2
2	SLS2	1
3	EPCDS6U	1
4	LCCDS	1

Operating status



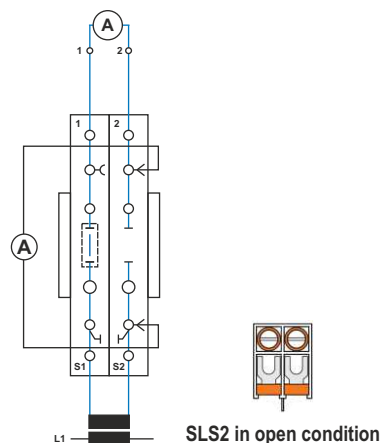
Meter test for L1 through external power supply



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.

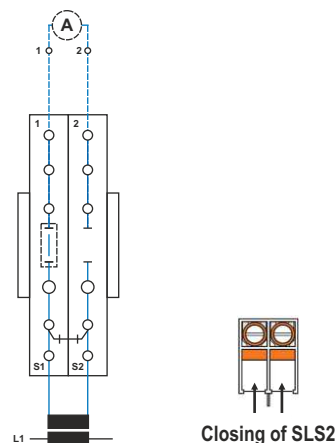
Comparison measurement for L1



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.

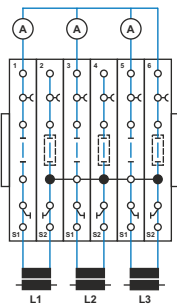
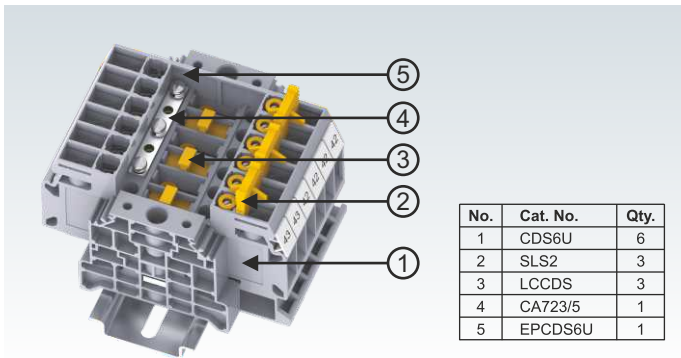
Changing the meter for L1



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

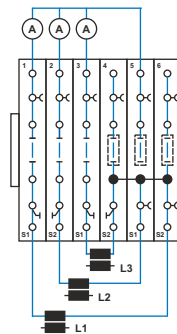
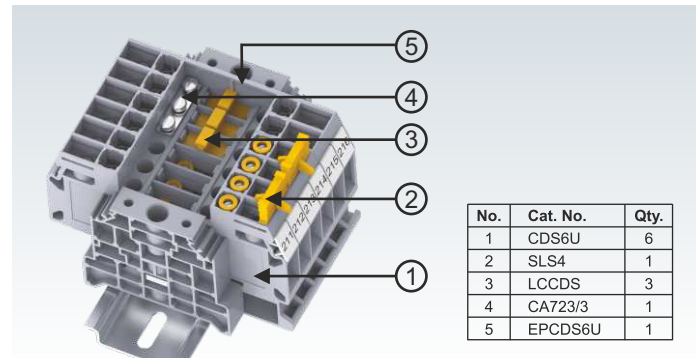


Operating status
(with internal distribution of the k-point)

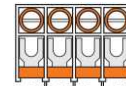


SLS2 in open condition

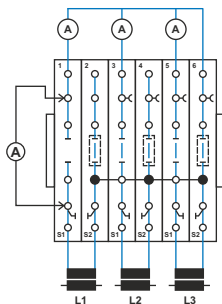
Usage of CDS6U range of products in 3 Phase Linked Current Transformer Test Set



Operating status



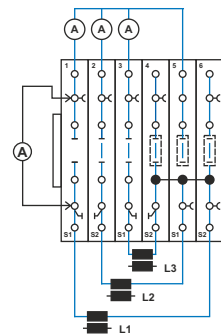
SLS4 in open condition



Comparison measurement for L1

Sequence for test :

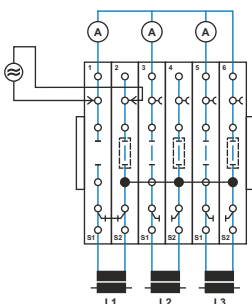
- 1) Remove SLS2 screw from terminal 1.
- 2) Connect ammeter to test sockets of terminal 1.
- 3) Open disconnect slide link of terminal 1.



Comparison measurement for L1

Sequence for test :

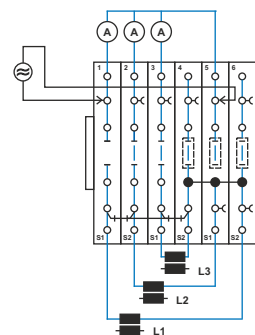
- 1) Remove SLS4 screw from terminal 1.
- 2) Connect ammeter to test sockets of terminal 1.
- 3) Open disconnect slide link of terminal 1.



Meter test for L1 through external power supply

Sequence for test :

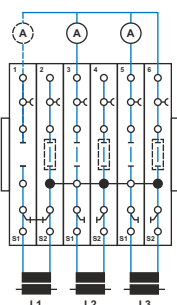
- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 1.
- 3) Connect external power supply to test sockets of terminals 1 and 2.



Meter test for L1 through external power supply

Sequence for test :

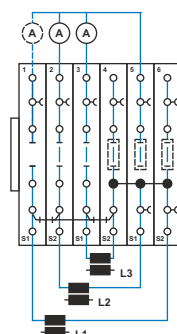
- 1) Close short circuit slide SLS4 of terminals 1,2 and 4.
- 2) Open disconnect slide link of terminal 1.
- 3) Connect external power supply to test sockets of terminals 1 and 5.



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.

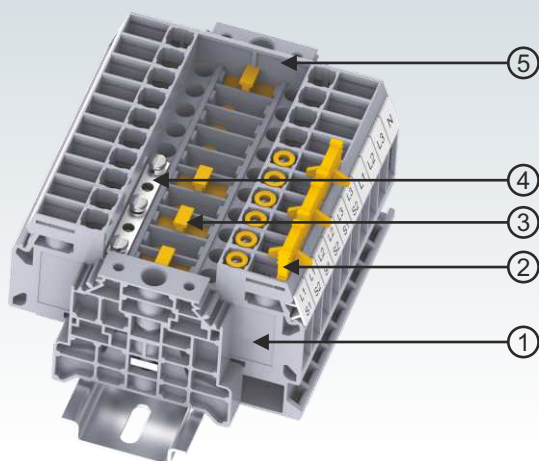


Changing the meter for L1

Sequence for test :

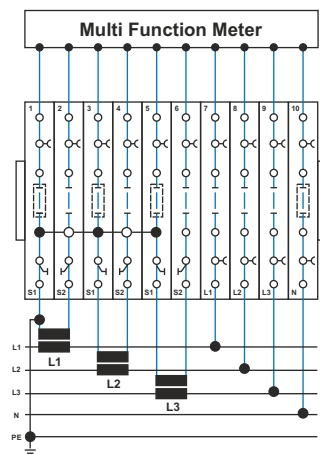
- 1) Close short circuit slide SLS4 of terminals 1,2 and 4.
- 2) Open disconnect slide link of terminal 1.
- 3) Disconnect meter for L1.

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



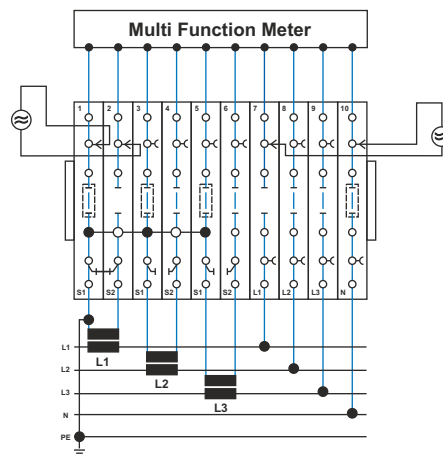
No.	Cat. No.	Qty.
1	CDS6U	10
2	SLS2	3
3	LCCDS	4
4	CA723/5	1
5	EPCDS6U	1

Operating status



SLS2 in open condition

Meter test for L1 through external power supply

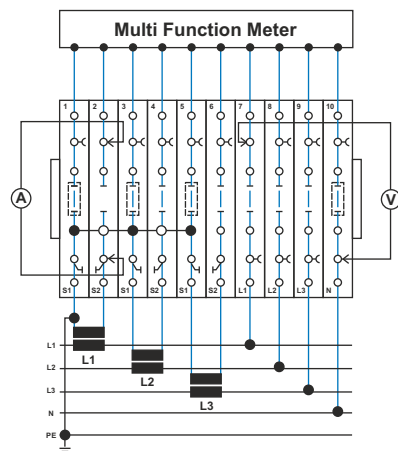


Closing of SLS2

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

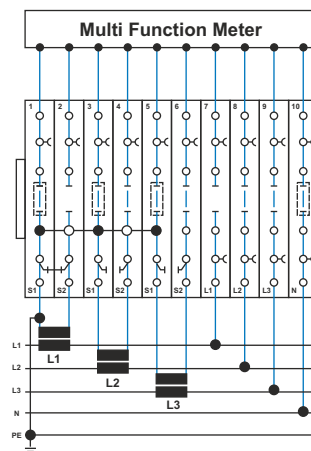


SLS2 in open condition

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.

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

Wire size at Input

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	Total Output (on either side of Input)	Input
64 A	32 A	50 A
32 A		25 A

Torque	Input	Output
2.0 Nm	26 lb-in	26 lb-in
0.5 Nm	7 lb-in	7 lb-in

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block

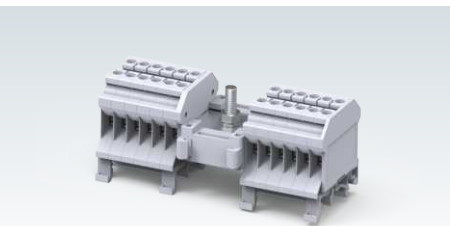
Mounting Rail (Refer Pg. 279 for details)

End Clamp (Refer Pg. 280 for details)

Marking Tag (Refer Pg. 286 for details)

Screw Driver

CDB4



46.2 mm / 53.7 mm / 51.1 mm

16.0 mm² / 8 AWG

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	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	
32 A	35 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
CDB4/1	4	10
CDB4/2	8	10
CDB4/3	12	10
CDB4/4	16	10
CDB4/5	20	5
CDB4/6	24	5

CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
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 mm² / 8 AWG

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	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	
32 A*	35 A	25 A	
2.0 Nm	26 lb-in	26 lb-in	
0.5 Nm	7 lb-in	7 lb-in	

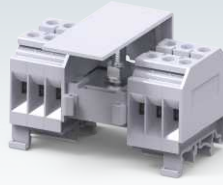


Polyamide 6,6 / 1

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	25 / 50	
CA701-15-1M / CA701-15-1M-S	25 / 50	
CA702 / CA802	50	
MC6	10	
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CDB6



47.8 mm / 55.5 mm / 52.8 mm

25.0 mm² / 2 AWG

IEC	UL - CSA
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 6.0 mm ²	
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 4.0 mm ²	22 - 10 AWG
1.5 - 4.0 mm ²	22 - 10 AWG

12 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	

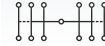
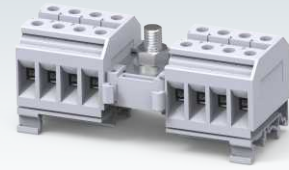


Polyamide 6,6 / 1

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	25 / 50	
CA701-15-1M / CA701-15-1M-S	25 / 50	
CA702 / CA802	50	
MC8	10	
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CDB10



47.8 mm / 55.5 mm / 52.8 mm

35.0 mm² / 1/0 AWG

IEC	UL - CSA
1.5 - 10 mm ²	16 - 6 AWG
1.5 - 10 mm ²	
1.5 - 10 mm ²	16 - 6 AWG
1.5 - 6 mm ²	16 - 8 AWG
1.5 - 6 mm ²	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	25 / 50	
CA701-15-1M / CA701-15-1M-S	25 / 50	
CA702 / CA802	50	
MC10	10	
SCS0.8/4	Blade size: 0.8 x 4 mm	10

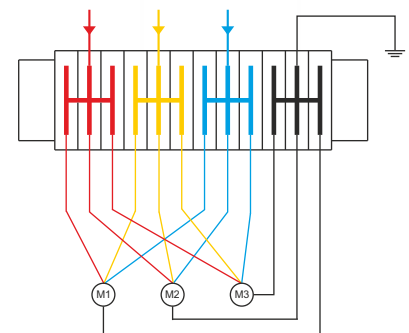
Type / Cat. No.	H x W x T (mm)	No. of Output
CDB4/2(1)	45 x 43 x 52	6
CDB4/3(1)	45 x 43 x 58	8
CDB4/4(1)	45 x 43 x 64	10
CDB4/5(1)	45 x 43 x 70	12
CDB4/6(1)	45 x 43 x 76	14
CDB4/10(1)	45 x 43 x 100	22
CDB4/11(1)	45 x 43 x 106	24

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

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

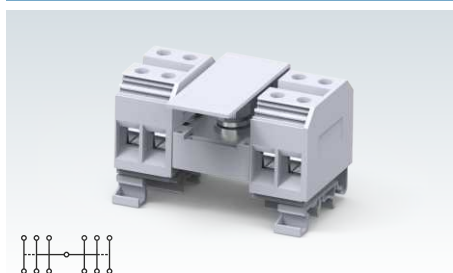
* Total output current of the system.

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 ² / 2/0 AWG							
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	6.0 - 25 mm ²		12 - 2 AWG		0.2 - 4.0 mm ²		22 - 10 AWG	
	Solid with Ferrule / Lug	6.0 - 25 mm ²		12 - 2 AWG		0.2 - 6.0 mm ² 0.2 - 4.0 mm ²		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	6.0 - 16 mm ²		12 - 8 AWG		0.2 - 2.5 mm ²		22 - 12 AWG	
	with TWIN Ferrule / Lug	6.0 - 16 mm ²		12 - 8 AWG		0.2 - 2.5 mm ²		22 - 12 AWG	
Wire Stripping Length		14 mm				9 mm			
Ratings As Per		IEC60947-7-1		UL-1059		IEC60947-7-1		UL-1059	
Voltage		800 V	600 V	600 V		1000 V	600 V		
Current	Input	150 A	150 A	150 A		32 A	35 A		
Total Output (on either side of Input)		75 A	75 A	150 A					
Torque	Input Output	6.0 Nm 2.0 Nm	53 lb-in 22 lb-in			0.5 Nm	7 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.	No. of Outputs	Standard Pack		Type / Cat. No.	No. of Outputs	Standard Pack	
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	
		CA701-1M / CA701-1M-S	25 / 50		CA701-1M-S	25 / 50			
		CA701-15-1M / CA701-15-1M-S	25 / 50		CA701-15-1M / CA701-15-1M-S	25 / 50			
End Clamp (Refer Pg. 280 for details)		CA702 / CA802		50		CA702 / CA802		50	
Marking Tag (Refer Pg. 286 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	
		Type / Cat. No.	H x W x T (mm)	No. of Output		Type / Cat. No.	H x W x T (mm)	No. of Output	
		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 ²	22 - 8 AWG
1.5 - 6.0 mm ²	22 - 8 AWG
1.5 - 4.0 mm ²	22 - 10 AWG
1.5 - 4.0 mm ²	22 - 10 AWG

12 mm

IEC60947-7-1 UL-1059

1000 V

600 V

41 A

50 A

0.8 Nm

14 lb-in

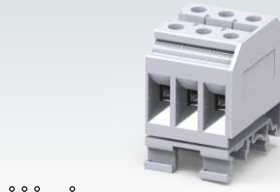
Polyamide 6,6 / 1

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	25 / 50	
CA701-15-1M / CA701-15-1M-S	25 / 50	
CA702 / CA802	50	
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 ²	22 - 6 AWG
1.5 - 10.0 mm ²	22 - 6 AWG
1.5 - 6.0 mm ²	22 - 10 AWG
1.5 - 6.0 mm ²	22 - 10 AWG

11 mm

IEC60947-7-1 UL-1059

1000 V

600 V

57 A

65 A

1.2 Nm

14 lb-in

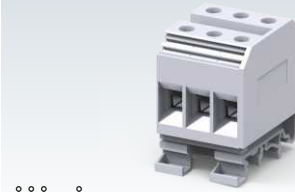
Polyamide 6,6 / 1

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	25 / 50	
CA701-15-1M / CA701-15-1M-S	25 / 50	
CA702 / CA802	50	
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 ²	12 - 4 AWG
6.0 - 25.0 mm ²	12 - 4 AWG
6.0 - 16.0 mm ²	12 - 6 AWG
6.0 - 16.0 mm ²	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	25 / 50	
CA701-15-1M / CA701-15-1M-S	25 / 50	
CA702 / CA802	50	
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 ² / 6 AWG		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²	22 - 10 AWG
	Solid	0.2 - 6.0 mm ²	
	with Ferrule / Lug	0.2 - 4.0 mm ²	22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²	22 - 12 AWG
Wire Stripping Length	12 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			
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
	CMDB12	20	5
	CMDB12BU	20	5
	CMDB12R	20	5
	CMDB12Y	20	5
	CMDB12BK	20	5
	CMDB12YG	20	5
Mounting Rail (Refer Pg. 279 for details)	CA701-1M / CA701-1M-S		25 / 50
	CA701-15-1M / CA701-15-1M-S		25 / 50
End Clamp (Refer Pg. 280 for details)	CA702 / CA802		50
Marking Tag (Refer Pg. 274 for details)	MC10 / MC6		10
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.

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

27 x 66 mm
50.8 mm / 57.8 mm
7

Connection Possibility as per		
At 1 Connection Point (Input)	Wire Range	
	Stripping Length	
	Torque	
At Position A in diagram below	Wire Range	
	Stripping Length	
	Torque	
At Position B in diagram below	Wire Range	
	Stripping Length	
	Torque	
At Position C in diagram below	Wire Range	
	Stripping Length	
	Torque	

IEC	UL - CSA
20 / 9 mm	
6 - 16 mm ² (3 Conn.)	8 - 4 AWG
15 mm	15 mm
1.2 Nm	14 lb-in
2.5 - 6 mm ² (4 Conn.)	14 - 10 AWG
9 mm	9 mm
0.8 Nm	7 lb-in

Ratings As Per
Voltage
Current
Approvals
Insulation Material / Material Group
Rated Impulse Voltage / Pollution Degree

IEC60947-7-1	UL-1059	CSA22.2-158
1000 V	600 V	600 V
76 A	80 A	80 A
		
Polyamide 6,6 / 1		
6 KV / 3		

Terminal Block
Grey
Blue
Red
Yellow
Black
Green

Type / Cat. No.	Standard Pack
DB16	10
DB16BU	10
DB16R	10
DB16Y	10
DB16BK	10
DB16GN	10

Mounting Rail (Refer Pg. 279 for details)

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

End Clamp (Refer Pg. 280 for details)

CA702 / CA802	50
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Marking Card (Refer Pg. 274 for details)
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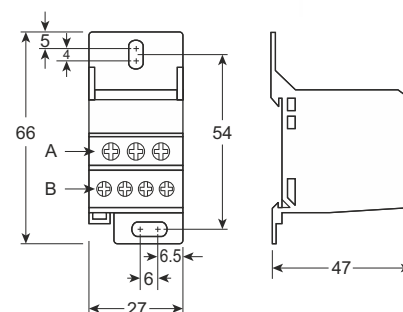
MC2	10
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Screw Driver

SCPH2	Blade size: 2 x 100 mm	10
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Note:
Sum of total outgoing currents should not exceed maximum permissible incoming current.

DB16



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.

Width (Thickness) x Length

Height with DIN 35 x 7.5 / 35 x 15 mm Rail

Total number of connection points

Connection Possibility as per

At 1 Connection Point (Input)	Wire Range
	Stripping Length
	Torque
At Position A in diagram below	Wire Range
	Stripping Length
	Torque
At Position B in diagram below	Wire Range
	Stripping Length
	Torque
At Position C in diagram below	Wire Range
	Stripping Length
	Torque

Ratings As Per

Voltage

Current

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block

Grey
Blue
Red
Yellow
Black
Green

Mounting Rail (Refer Pg. 279 for details)

End Clamp (Refer Pg. 280 for details)

Marking Card (Refer Pg. 274 for details)

Screw Driver

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

DB35



27 x 74.5 mm

50.8 mm / 57.8 mm

8

IEC	UL - CSA
15 mm	
6 - 35 mm ² (1 Conn.)	8 - 2 AWG
15 mm	15 mm
6 Nm	40 lb-in
6 - 16 mm ² (1 Conn.)	8 - 4 AWG
15 mm	15 mm
3 Nm	14 lb-in
2.5 - 10 mm ² (6 Conn.)	14 - 6 AWG
10 mm	10 mm
2.0 Nm	17.5 lb-in

IEC60947-7-1

UL-1059

1000 V

600 V

125 A

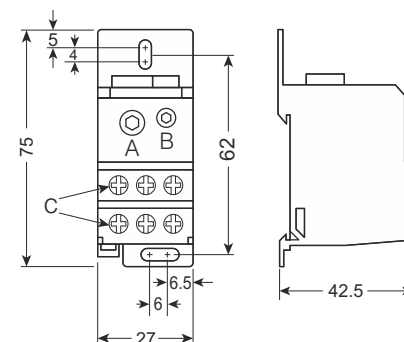
115 A

IEC CE UL US cULus Lloyd's Register

Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
DB35	10
DB35BU	10
DB35R	10
DB35Y	10
DB35BK	10
DB35GN	10
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC2	10
SCPH2	Blade size: 2 x 100 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.

CLP35/2



Width (Thickness) x Length		16 x 66.8 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		66.1 mm / 73.6 mm	
Total number of connection points		3	
Connection Possibility as per		IEC	UL - CSA
At 1 Connection Point (Input)	Wire Range	4 - 35 mm ² (1 Conn.)	12 - 2 AWG
	Stripping Length	15 mm	15 mm
	Torque	2.5 Nm	25 lb-in
At 2 Connection Points (Input)	Wire Range	4 - 35 mm ² (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 ² (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	57 A	65 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	Grey With Allen Screw	CLP35/2	20
		CLP35/2A	20
Mounting Rail	(Refer Pg. 279 for details)	CA701-1M / CA701-1M-S	25 / 50
		CA701-15-1M / CA701-15-1M-S	25 / 50
End Clamp	(Refer Pg. 280 for details)	CA702 / CA802	50
Marking Tag	(Refer Pg. 286 for details)	MC16	10
Screw Driver		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

LIGHTING POLE DISTRIBUTION BLOCK

CLP35/3 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.

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

CLP35/3A



With Allen screw

14.3 x 53 mm
65.9 mm / 73.4 mm
3

Connection Possibility as per		
At 1 Connection Point (Input)	Wire Range	
	Stripping Length	
	Torque	
At 2 Connection Points (Input)	Wire Range	
	Stripping Length	
	Torque	
At 3 Connection Point (Input)	Wire Range	
	Stripping Length	
	Torque	
At 4 Connection Point (Output)	Wire Range	
	Stripping Length	
	Torque	

IEC	UL - CSA
4 - 35 mm ² (1 Conn.)	12 - 2 AWG
15 mm	15 mm
2.5 Nm	25 lb-in
4 - 35 mm ² (1 Conn.)	12 - 2 AWG
15 mm	15 mm
2.5 Nm	25 lb-in
4 - 35 mm ² (1 Conn.)	12 - 2 AWG
15 mm	15 mm
2.5 Nm	25 lb-in
0.2 - 10 mm ² (1 Conn.)	20 - 4 AWG
11 mm	11 mm
1.2 Nm	14 lb-in

Ratings As Per	
Voltage	
Current	Input Output

IEC60947-7-1	UL 1059		
400 V	150 V		
125 A 41 A	115 A 50 A		

Approvals
Insulation Material / Material Group
Rated Impulse Voltage / Pollution Degree

CE
Polyamide 6,6 / 1
8 KV / 3

Terminal Block	With Allen Screw	
Mounting Rail	(Refer Pg. 279 for details)	
End Clamp	(Refer Pg. 280 for details)	
Marking Tag	(Refer Pg. 286 for details)	
Screw Driver		

Type / Cat. No.	Standard Pack
CLP35/3A	20
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC12	10
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

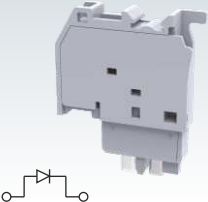
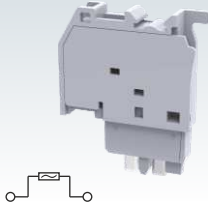
COMPONENT CARRIER TERMINAL BLOCK

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.

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 ²		24 - 10 AWG	
	Solid	0.2 - 6.0 mm ²			
	with Ferrule / Lug	0.2 - 4.0 mm ²		24 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²		24 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²		24 - 12 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1 UL-1059			
Voltage		1000 V	600 V		
Current		*10	*10		
Torque		0.5 Nm	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		CCC4U		50	
Mounting Rail (Refer Pg. 279 for details)		CA701-1M / CA701-1M-S		25 / 50	
		CA701-15-1M / CA701-15-1M-S		25 / 50	
End Clamp (Refer Pg. 280 for details)		CA702 / CA802		50	
Marking Tag (Refer Pg. 286 for details)		MC6		10	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10	
Jumpers		Type / Cat. No.		Imax	Standard Pack
Pre Assembled 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

* 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.

CPD1		CPF		CIP	
					
Type / Cat. No.	Std. Pack	Type / Cat. No.	Std. Pack	Type / Cat. No.	Std. Pack
Component Carrier					
With Diode					
For Ø 5 x 20 mm Fuse					
Fuse with 6-60V AC/DC LED Circuit		CPF	50		
Fuse with 110-240V AC/DC LED Circuit		CPFL6-60V	50		
Disconnection Plug		CPFL110-240V	50		
				CIP	50
Width (Thickness) x Length x Height		Width (Thickness) x Length x Height		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		* Current Rating		* Current Rating	
1 A		6.3 A		10 A	
Marking Tag (Refer Pg. 274 for details)		Marking Tag (Refer Pg. 274 for details)		Marking Tag (Refer Pg. 274 for details)	
MC6	10	MC6	10		

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.

Width (Thickness) x Length	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	
Connection Possibility as per	
With 1 Conductor per clamp	Stranded / Flexible Solid with Ferrule / Lug
With 2 same size Conductors per clamp	Stranded / Flexible with TWIN Ferrule / Lug
Wire Stripping Length	
Ratings As Per	
Voltage	
Current	
Torque	
Approvals	
Insulation Material / Material Group	
Rated Impulse Voltage / Pollution Degree	
Terminal Block	Grey Blue
End Plate	
Separator Plate	
Mounting Rail (Refer Pg. 279 for details)	
End Clamp (Refer Pg. 280 for details)	
Marking Tag (Refer Pg. 286 for details)	
Screw Driver	

Jumpers	
Screw Type	
Jumpers	2 pole 3 pole 4 pole 10 pole

CHV4U



6 x 52.6 mm	
63 mm / 70.5 mm / 67.8 mm	
IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
12 mm	
IEC60947-7-1	UL-1059 CSA22.2-158
1000 V	1000 V
32 A	35 A
0.5 Nm	7 lb-in
	
Polyamide 6,6 / 1	
8 KV / 3	
Type / Cat. No.	Standard Pack
CHV4U	50
CHV4UBU	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Imax	Standard Pack
CA623/2	32 A	100
CA623/3	32 A	100
CA623/4	32 A	100
CA623/10	32 A	10

CHV6U



8 x 52.6 mm

63 mm / 70.5 mm / 67.8 mm

IEC	UL - CSA
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 4.0 mm ²	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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	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 52.6 mm

63 mm / 70.5 mm / 67.8 mm

IEC	UL - CSA
0.2 - 10.0 mm ²	20 - 6 AWG
0.2 - 10.0 mm ²	20 - 6 AWG
0.2 - 6.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC10	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	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 CEEB 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	

Terminal Block	Grey Blue
End Plate	
Separator Plate	
Mounting Rail (Refer Pg. 279 for details)	
End Clamp (Refer Pg. 280 for details)	
Marking Tag (Refer Pg. 286 for details)	
Screw Driver	

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

CTS4USC



6 x 52.6 mm			
63 mm / 70.5 mm / 67.8 mm			
IEC		UL - CSA	
0.2 - 4.0 mm ²		22 - 10 AWG	
0.2 - 6.0 mm ²			
0.2 - 4.0 mm ²		22 - 10 AWG	
0.2 - 2.5 mm ²		22 - 12 AWG	
0.2 - 2.5 mm ²		22 - 12 AWG	
12 mm			
IEC60947-7-1 UL-1059 CSA22.2-158			
1000 V	600 V	600 V	
32 A	30 A	30 A	
0.5 Nm	7 lb-in	7 lb-in	
			
Polyamide 6,6 / 1			
8 KV / 3			
Type / Cat. No.			Standard Pack
CTS4USC			50
CTS4USCBU			50
EPUSC			50
SP2.5/4UN			50
CA701-1M / CA701-1M-S			25 / 50
CA701-15-1M / CA701-15-1M-S			25 / 50
CA702 / CA802			50
MC6			10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm			10

Type / Cat. No.	Imax	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 52.6 mm

63 mm / 70.5 mm / 67.8 mm

IEC	UL - CSA
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 4.0 mm ²	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
CTS6USCBU	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC6	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CTS10USC



10 x 52.6 mm

63 mm / 70.5 mm / 67.8 mm

IEC	UL - CSA
0.2 - 10.0 mm ²	20 - 6 AWG
0.2 - 10.0 mm ²	20 - 6 AWG
0.2 - 6.0 mm ²	20 - 8 AWG
0.2 - 6.0 mm ²	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

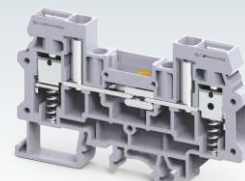


Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS10USC	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC10	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

CDS6U/SC



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 6.0 mm ²	22 - 8 AWG
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 4.0 mm ²	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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802	50
MC8	10
SCS0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	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

Type / Cat. No.	Imax	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
CA604/3		100

Uninsulated	Insulated	Imax	Standard Pack
CA723/2	CA743/2	41 A	100
CA723/3	CA743/3	41 A	50
CA723/4	CA743/4	41 A	50
CA723/10	CA743/10	41 A	10
CA604/1			100
CA604/2			100
CA604/5			100
CA604/3			100

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.

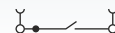
In CDTTUSC terminal the disconnection is achieved by means of a slide link operated with a screw driver.

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

Width (Thickness) x Length	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	
Connection Possibility as per	
With 1 Conductor per clamp	Stranded / Flexible Solid with Ferrule / Lug
With 2 same size Conductors per clamp	Stranded / Flexible with TWIN Ferrule / Lug
Wire Stripping Length	
Ratings As Per	
Voltage	
Current	
Torque	
Approvals	
Insulation Material / Material Group	
Rated Impulse Voltage / Pollution Degree	
Terminal Block	
End Plate	
Mounting Rail	(Refer Pg. 279 for details) 
End Clamp	(Refer Pg. 280 for details) 
Marking Tag	(Refer Pg. 286 for details) 
Screw Driver	

Jumpers	
Screw Type Jumpers	2 pole
	3 pole
	4 pole
	10 pole
Sliding Jumpers	2 Pole
	3 Pole
	4 Pole
Insulated Test Socket	Grey
	Red
	Yellow
	Blue
	Black
Switchable Jumpers	
Lock Out Cap	
External Jumpers	2 pole
	3 pole
	4 pole
	10 pole
Shorting Plug	
Hook Type Lug / Ferrule	1.5 sq.mm
	2.5 sq.mm
	4 sq.mm
	6 sq.mm
	10 sq.mm

CKT4SPSC



6 x 58.5 mm			
46.2 mm / 53.7 mm / 51.1 mm			
IEC		UL - CSA	
0.2 - 4.0 mm ²		24 - 10 AWG	
0.2 - 6.0 mm ²			
0.2 - 4.0 mm ²		24 - 10 AWG	
0.2 - 2.5 mm ²		24 - 12 AWG	
0.2 - 2.5 mm ²		24 - 12 AWG	
8 mm			
IEC60947-7-1		UL-1059 CSA22.2-158	
1000 V		600 V	
28 A		30 A	
0.5 Nm		4.5 lb-in	
			
Polyamide 6,6 / 1			
8 KV / 3			
Type / Cat. No.		Standard Pack	
CKT4SPSC		50	
CA701-1M / CA701-1M-S		25 / 50	
CA701-15-1M / CA701-15-1M-S		25 / 50	
CA702 / CA802		50	
MC6		10	
SCS0.6/3.5		Blade size: 0.6 x 3.5 mm	
		10	

Uninsulated	Insulated	Imax	Standard Pack
CA722/2	CA742/2	28 A	100
CA722/3	CA742/3	28 A	100
CA722/4	CA742/4	28 A	100
CA722/10	CA742/10	28 A	10
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
	CA714/2	28 A	100
	CA714/3	28 A	100
	CA714/4	28 A	100
	CA714/10	28 A	20
CA604/1			100
CA604/2			100
CA604/5			100

MINIATURE 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.

CGMT4 is suitable for DIN 15 micro rail & can be used in conjunction with CMT4 (Pg - 197) Terminal Blocks.

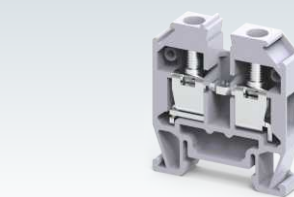
The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.

Width (Thickness) x Length	
Height with DIN 15 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	
Torque at Center Screw	
Approvals	
Insulation Material / Material Group	
Rated Impulse Voltage / Pollution Degree	

Terminal Block	Grey Blue Red Yellow Black Green Ground / Earth For Ex (e) Applications For Ex (i) Applications
End Plate	
Partition Plate	
Mounting Rail (Refer Pg. 279 for details)	
End Clamp (Refer Pg. 280 for details)	
Marking Tag (Refer Pg. 286 for details)	
Screw Driver	

Jumpers	
Screw Type Jumpers	2 pole 3 pole 4 pole 10 pole 
Pluggable Jumper	
Jumper Bar	2 pole 3 pole 4 pole 10 pole 10 pole (Breakable) 100 pole 
Short Sleeve & Screw for configurable jumper bar	
Switchable Jumpers	
Long Sleeve & Screw for Switchable Jumpers	
External Jumpers	2 pole 3 pole 4 pole 10 pole 

CMT4



6 x 27 mm	
30.8 mm	
IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
8 mm	
IEC60947-7-1	UL-1059
500 V	300 V
32 A	35 A
0.5 Nm	7 lb-in
-	-



Polyamide 6,6 / 1	
4 KV / 3	

Type / Cat. No.	Standard Pack
CMT4	100
CMT4BU	100
CMT4R	100
CMT4Y	100
CMT4BK	100
CMT4GN	100
CGMT4 (Refer Pg. 208 for details)	100
CMT4EX	100
CMT4BUEX	100
EPCMT4	50
PPCMT4	50
CA601-1M	100 m
CA602	50
MC2	10
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm
	10

Uninsulated	Insulated	Imax	Standard Pack
CA727/2	CA747/2	32 A	100
CA727/3	CA747/3	32 A	100
CA727/4	CA747/4	32 A	100
CA727/10	CA747/10	32 A	10
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA607/S/Q			100
CA706/1		32 A	100
CA607/L/Q			100
	CA714/2	25 A	100
	CA714/3	25 A	100
	CA714/4	25 A	100
	CA714/10	25 A	20

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 ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm

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

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0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
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0.4 Nm	3.6 lb-in	3.6 lb-in	0.4 Nm
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Polyamide 6,6 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CGMT4	100
CGMT4EX	100

CA601-1M	100 m
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack

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CMT10



10 x 33.5 mm

36 mm

IEC	UL - CSA
0.2 - 10.0 mm ²	24 - 6 AWG
0.2 - 10.0 mm ²	24 - 6 AWG

12 mm

IEC60947-7-1 UL-1059 IEC60079

500 V	150 V	350 V
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57 A	65 A	28 A
------	------	------

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

4 KV / 3

Type / Cat. No.	Standard Pack
CMT10	100
CMT10BU	100
CMT10EX	100
CMT10BUEx	100
EPCMT10	50

CA601-1M	100 m
CA509/K10WHT	100
MC10	10
SCS0.8/4.0 Blade size: 0.8 x 4.0 mm	10

Uninsulated	Insulated	Imax	Standard Pack

JY10/2		45 A	20

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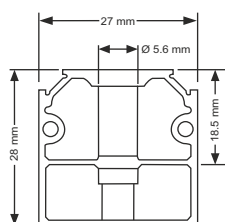
PANEL MOUNT TERMINAL BLOCK

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.

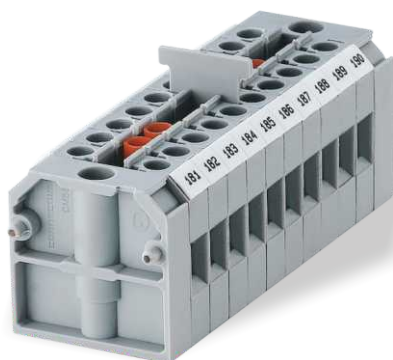
M3 screw of desired length can be used for mounting.

The terminals with  & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 303.

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



End Plate



Width (Thickness) x Length

Height

Connection Possibility as per

With 1 Conductor per clamp

Stranded / Flexible

Solid

with Ferrule / Lug

With 2 same size Conductors per clamp

Stranded / Flexible

with TWIN Ferrule / Lug

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Material Group

Rated Impulse Voltage / Pollution Degree

Terminal Block

Grey

Blue

Red

Yellow

Black

Green

Orange

White

For Ex (e) Applications

For Ex (i) Applications

End Plate



Separator Plate



Marking Tag (Refer Pg. 286 for details)



Screw Driver



Jumpers

Screw Type Jumpers



2 pole

3 pole

4 pole

10 pole

100 pole

Jumper Bar



2 pole

3 pole

4 pole

10 pole

10 pole (Breakable)

100 pole

Short Sleeve & Screw for configurable jumper bar



External Jumpers



2 pole

3 pole

4 pole

10 pole

Test Socket



CMB4



6 x 27 mm

28.2 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

8 mm			
EC60947-7-1	UL-1059	CSA22.2-158	IEC60079
500 V	300 V	300 V	440 V
32 A	30 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm



Polyamide 6,6 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CMB4	100
CMB4BU	100
CMB4R	100
CMB4Y	100
CMB4BK	100
CMB4GN	100
CMB4O	100
CMB4W	100
CMB4EX	100
CMB4BUEX	100

EPCMB4	50	
SPCMB4	50	
MC2	10	
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
CA727/2	CA747/2	32 A	100
CA727/3	CA747/3	32 A	100
CA727/4	CA747/4	32 A	100
CA727/10	CA747/10	32 A	10

CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10

CA607/S/Q			100
	CA714/2	25 A	100
	CA714/3	25 A	100
	CA714/4	25 A	100
	CA714/10	25 A	20

CA707/TS/01			100
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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)

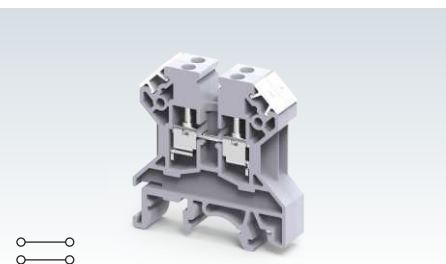
'J' type - Iron (Fe), Constantan (Cu/Ni)

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

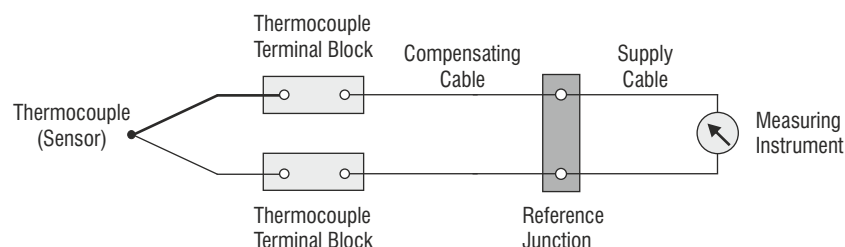
'E' type - Chromel (Ni/Cr), Constantan (Cu/Ni)

Width (Thickness) x Length		10 x 39 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 ²	22 - 14 AWG
	Solid	0.2 - 4.0 mm ²	22 - 12 AWG
	with Ferrule / Lug	0.2 - 2.5 mm ²	22 - 14 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm ²	22 - 16 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm ²	22 - 16 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1	
Voltage		1000 V	
Current		10 A	
Torque		0.4 Nm	
Approvals		IEC CE RUS	
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. 279 for details)		CA701-1M / CA701-1M-S	25 / 50
		CA701-15-1M / CA701-15-1M-S	25 / 50
End Clamp (Refer Pg. 280 for details)		CA702 / CA802	50
Marking Tag (Refer Pg. 286 for details)		MC5	10
Screw Driver		SCS0.5/3 Blade size: 0.5 x 3.0 mm	10

CTT2.5U



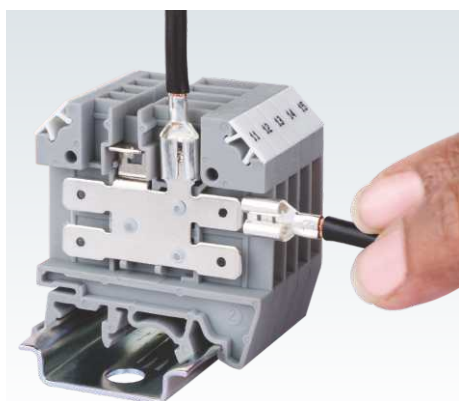
Typical Temperature Measuring circuit



TAB CONNECTION TERMINAL BLOCKS

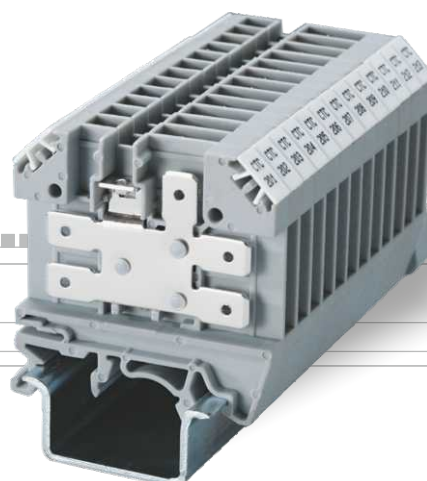
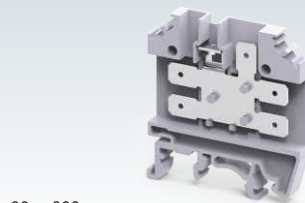
The CTC4U Tab Connection Terminal Blocks offer quick connection possibility. The Terminal Blocks are suited for standard 'Fast On' type lugs.

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



Width (Thickness) x Length		6 x 47 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		50.6 mm / 58.1 mm / 55.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	0.2 - 4.0 mm ²	24 - 12 AWG
		0.2 - 4.0 mm ²	24 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²	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	
Terminal Block		Type / Cat. No.	Standard Pack
End Plate		CTC4U	100
Mounting Rail (Refer Pg. 279 for details)		EPCTC4U	50
End Clamp (Refer Pg. 280 for details)		CA701-1M / CA701-1M-S	25 / 50
Marking Tag (Refer Pg. 286 for details)		CA701-15-1M / CA701-15-1M-S	25 / 50
		CA702 / CA802	50
		MC6	10
Jumpers		Imax	Standard Pack
Permanent Jumpers	2 pole	CA703/1	32 A
	3 pole	CA704/1	32 A
	4 pole	CA705/1	32 A
	10 pole	CA732/10	32 A
	100 pole	CA732/100	32 A
Short Sleeve & Screw for Permanent Jumpers		CA807/S/Q/01	100
Test Socket		CA707/TS/01	100

CTC4U



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.

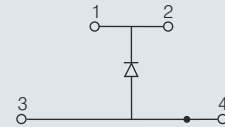
CDL4USP - Spacers can be used for covering custom electronic components, which may protrude from the CDL4U(O) Terminal Block.

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 ²	22 - 10 AWG	
	Solid	0.2 - 6.0 mm ²		
	with Ferrule / Lug	0.2 - 4.0 mm ²	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²	22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm ²	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			

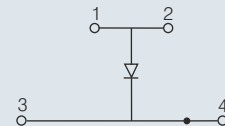
	Type / Cat. No.	Standard Pack
End Plate 	EPCDL4U	50
Spacer 	CDL4USP	50
Mounting Rail (Refer Pg. 279 for details) 	CA701-1M / CA701-1M-S	25 / 50
	CA701-15-1M / CA701-15-1M-S	25 / 50
Marking Tag (Refer Pg. 286 for details) 	MC2	100
Screw Driver 	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers	Type / Cat. No.	Imax	Standard Pack
Screw Type Jumpers 	2 pole	32 A	100
	3 pole	32 A	100
	4 pole	32 A	100
	10 pole	32 A	100
Short Sleeve & Screw for configurable jumper bar 	CA607/S/Q		100

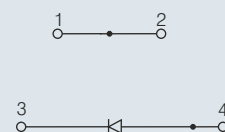
Part No.	Application	Std. Pack
CDL4UED1	Arc suppression circuit for contactors & solenoid valves - D.C	100



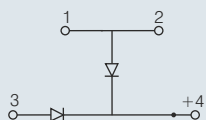
Part No.	Application	Std. Pack
CDL4UED2	Arc suppression circuit for contactors & solenoid valves - D.C	100



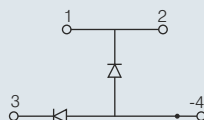
Part No.	Application	Std. Pack
CDL4UED3	Diode circuit for reverse polarity protection	100



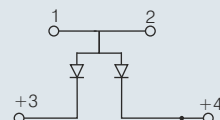
Part No.	Application	Std. Pack
CDL4UEDD1	Diode circuit for lamp testing	100



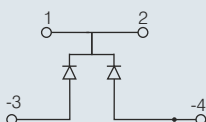
Part No.	Application	Std. Pack
CDL4UEDD2	Diode circuit for lamp testing	100



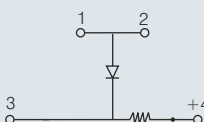
Part No.	Application	Std. Pack
CDL4UEDD3	Diode circuit for lamp testing	100



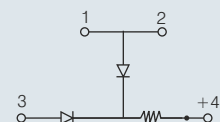
Part No.	Application	Std. Pack
CDL4UEDD4	Diode circuit for lamp testing	100



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



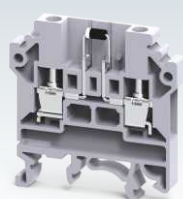
Part No.	Application	Std. Pack
CDL4UEDD5	Diode circuit for lamp testing with LED series resistance	100



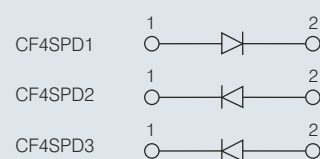
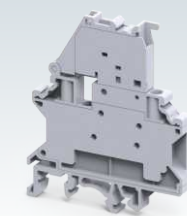
Part No.	Application	Std. Pack
CKT4UD1	Arc suppression circuit for contactors & solenoid valves - D.C	100



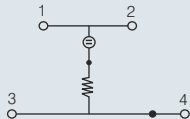
Part No.	Application	Std. Pack
CKT4UD2	Arc suppression circuit for contactors & solenoid valves - D.C	100



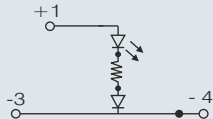
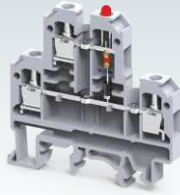
Part No.	Diode Type	Std. Pack
CF4SPD1	1N4007	50
CF4SPD2	1N5408	50
CF4SPD3	1N5820	50



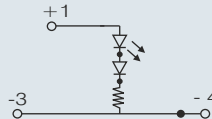
Part No.	Application	Std. Pack
CDL4UEN1	AC Voltage indicator with Neon lamp	100



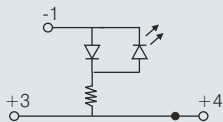
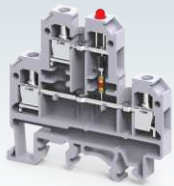
Part No.	Application	Std. Pack
CDL4UELD5	AC Voltage indicator with LED	100



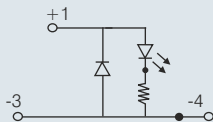
Part No.	Application	Std. Pack
CDL4UELD3	AC Voltage indicator with LED	100



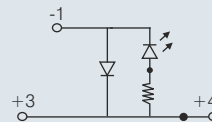
Part No.	Application	Std. Pack
CDL4UELD4	AC Voltage indicator with LED	100



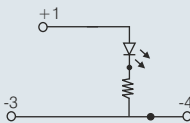
Part No.	Application	Std. Pack
CDL4UELD1	DC Voltage indicator with LED	100



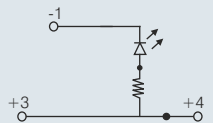
Part No.	Application	Std. Pack
CDL4UELD2	DC Voltage indicator with LED	100



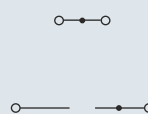
Part No.	Application	Std. Pack
CDL4UEL1	DC Voltage indicator with LED	100



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



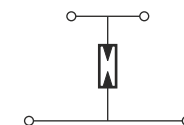
SURGE SUPPRESSION TERMINAL BLOCKS

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.

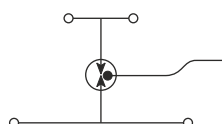
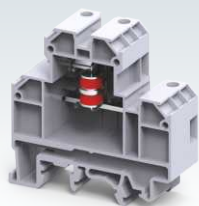
CDL4U(E)SDB is for AC application at 400 VAC with current rating 4 A.

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	IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ² 22 - 10 AWG
	Solid	0.2 - 6.0 mm ² 22 - 10 AWG
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm ² 22 - 10 AWG
	Stranded / Flexible	0.2 - 2.5 mm ² 22 - 12 AWG
with TWIN Ferrule / Lug		0.2 - 2.5 mm ² 22 - 12 AWG
Wire Stripping Length	9 mm	
Type of Connection	4 Screw Clamps	
Rated Connection Capacity	0.5 - 4 sq.mm / 22-10 AWG	
Voltage Rating	75 V, 90 V, 230 V, 600 V, 1000 V DC	
Impulse Discharge Current	20 KA (8/20μs)	
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		
Terminal Block	Type / Cat. No.	Standard Pack
	CDL4UELA(60V)	32
End Plate	EPCDL4U	50
Spacer	CDL4USP	50
Mounting Rail (Refer Pg. 279 for details)	CA701-1M / CA701-1M-S	25 / 50
	CA701-15-1M / CA701-15-1M-S	25 / 50
End Clamp (Refer Pg. 280 for details)	CA702 / CA802 / CA202	50
Marking Tag (Refer Pg. 286 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 ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	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

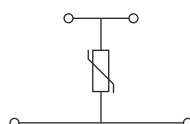
100 ms

< 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 ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	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)

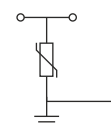
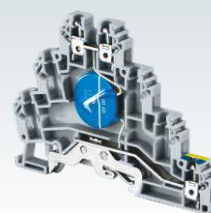
< 25 ns

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 ²	22 - 14 AWG
0.2 - 4.0 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 14 AWG
0.2 - 1.5 mm ²	22 - 16 AWG
0.2 - 1.5 mm ²	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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
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	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

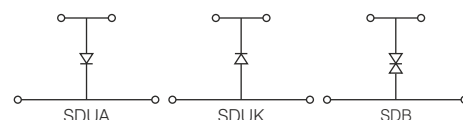
SURGE SUPPRESSION TERMINAL BLOCKS

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.

Circuit Diagram

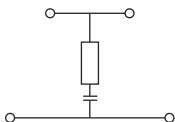


Width (Thickness) x Length	12 x 55.5 mm												
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	55.7 mm / 63.1 mm / 60.3 mm												
Connection Possibility as per	<table> <tr> <th>IEC</th><th>UL - CSA</th></tr> <tr> <td>0.2 - 4.0 mm²</td><td>22 - 10 AWG</td></tr> <tr> <td>0.2 - 6.0 mm²</td><td></td></tr> <tr> <td>0.2 - 4.0 mm²</td><td>22 - 10 AWG</td></tr> <tr> <td>0.2 - 2.5 mm²</td><td>22 - 12 AWG</td></tr> <tr> <td>0.2 - 2.5 mm²</td><td>22 - 12 AWG</td></tr> </table>	IEC	UL - CSA	0.2 - 4.0 mm ²	22 - 10 AWG	0.2 - 6.0 mm ²		0.2 - 4.0 mm ²	22 - 10 AWG	0.2 - 2.5 mm ²	22 - 12 AWG	0.2 - 2.5 mm ²	22 - 12 AWG
IEC	UL - CSA												
0.2 - 4.0 mm ²	22 - 10 AWG												
0.2 - 6.0 mm ²													
0.2 - 4.0 mm ²	22 - 10 AWG												
0.2 - 2.5 mm ²	22 - 12 AWG												
0.2 - 2.5 mm ²	22 - 12 AWG												
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	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	IEC CE												

Type / Cat. No.	Standard Pack
CDL4UESDUA24V	32
CDL4UESDB-160V	32
EPCDL4U	50
CDL4USP	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Terminal Block	
End Plate	
Spacer	
Mounting Rail (Refer Pg. 279 for details)	
End Clamp (Refer Pg. 280 for details)	
Marking Tag (Refer Pg. 286 for details)	
Screw Driver	

CDL4UERC



18 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 6.0 mm ²	
0.2 - 4.0 mm ²	22 - 10 AWG
0.2 - 2.5 mm ²	22 - 12 AWG
0.2 - 2.5 mm ²	22 - 12 AWG

9 mm

4 Screw Clamps

0.5 - 4 sq.mm / 22-10 AWG

250 VAC / 630 VDC

20 A

Polyamide 6,6 / 1



Type / Cat. No.	Standard Pack
CDL4UERC0-0.1MF	32
CDL4UERC0.22MF	32
EPCDL4U	50
CDL4USP	50
CA701-1M / CA701-1M-S	25 / 50
CA701-15-1M / CA701-15-1M-S	25 / 50
CA702 / CA802 / CA202	50
MC2	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10