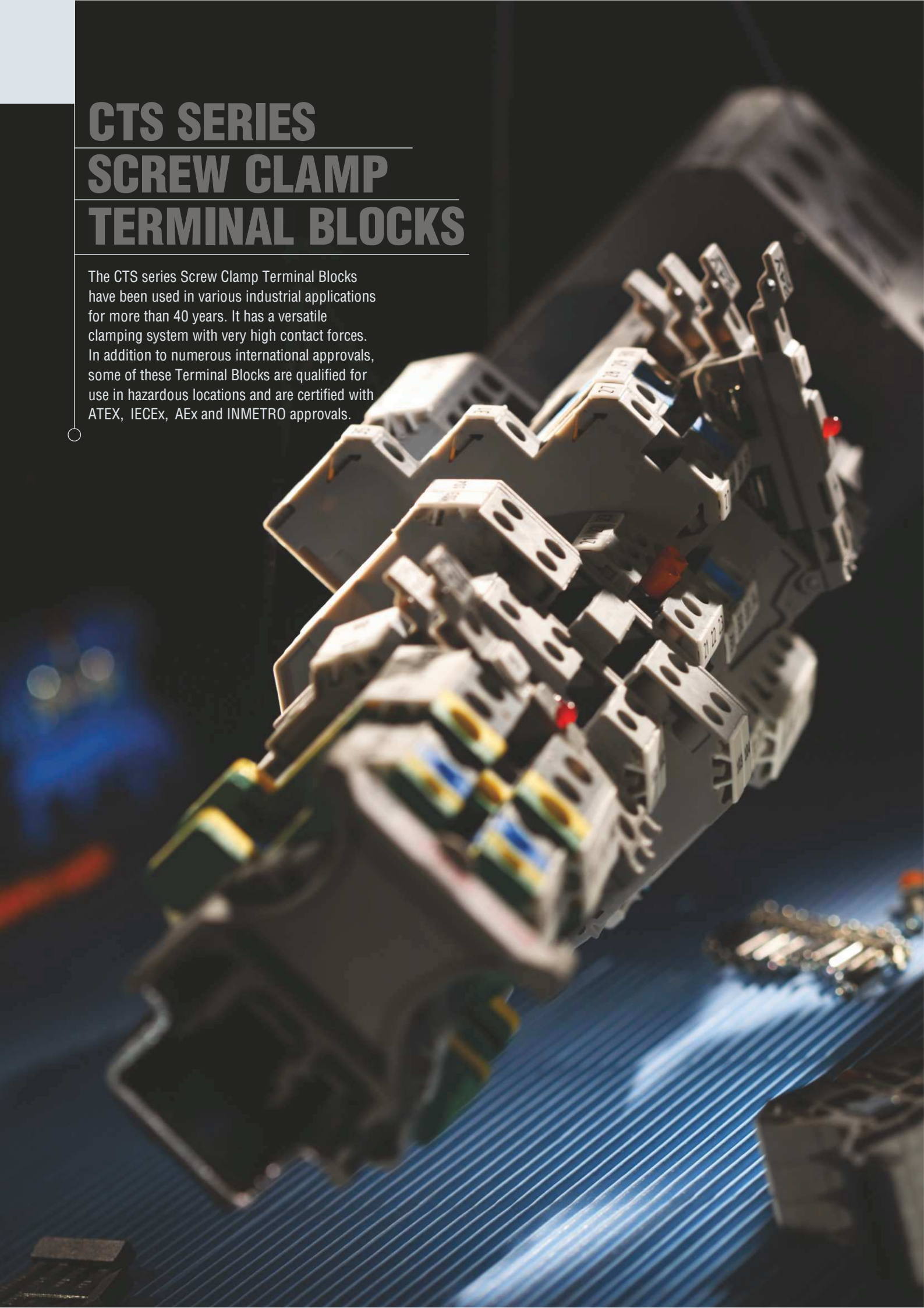


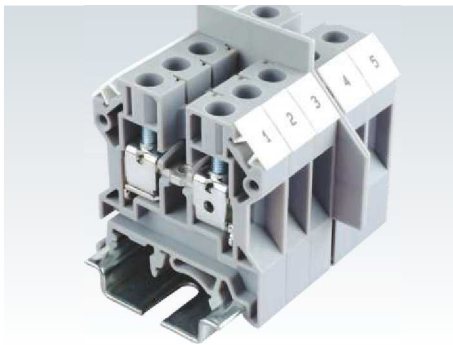
CTS SERIES SCREW CLAMP TERMINAL BLOCKS

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 approvals.



CTS SERIES SCREW CLAMP TERMINAL BLOCKS

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



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.



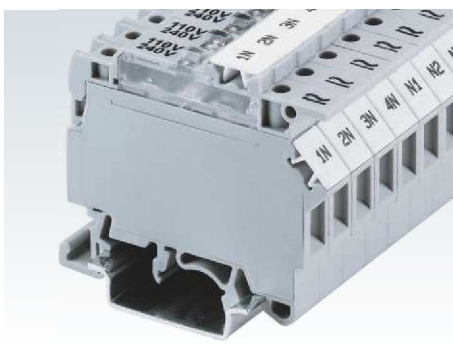
In high current Terminal Blocks, an additional auxiliary terminal can be connected. This enables an additional connection of upto 6 mm² wires.



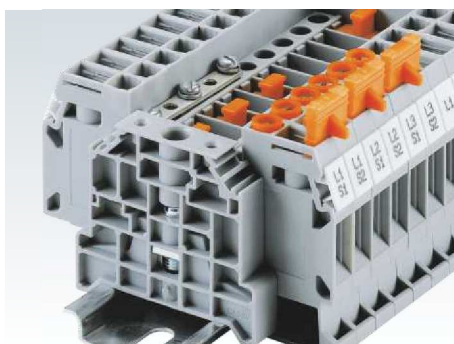
Multiple connection Terminal Blocks enable secure connection of more than one wire in a single Terminal Block.



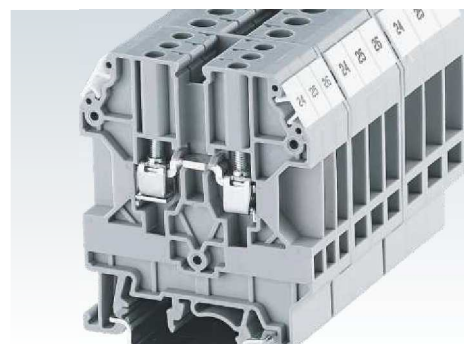
Two level plus ground and Three level plus ground terminals facilitate single & three phase connections. These Terminal Blocks are an ideal choice for three phase and three phase plus ground circuits.



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.



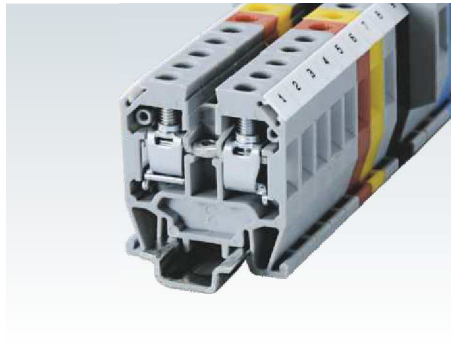
CDS6U Terminal Block system is a versatile wire connection method for current & voltage transformer and power meters. A wide range of accessories eases the testing of connected instruments.



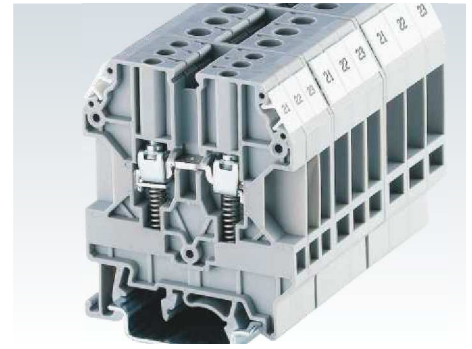
The CHV series High Voltage Terminal Blocks are suitable for upto 1500V DC applications required in the solar industry. The specially designed creepage and clearance distances help achieve the high voltage specifications.



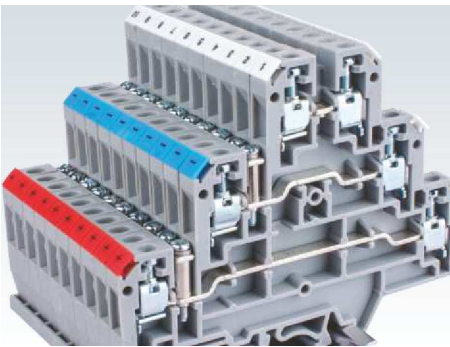
CDB & CMDDB series distribution blocks are an ideal choice for power and signal distribution applications. They have an IP20 rating and no additional shrouds are required.



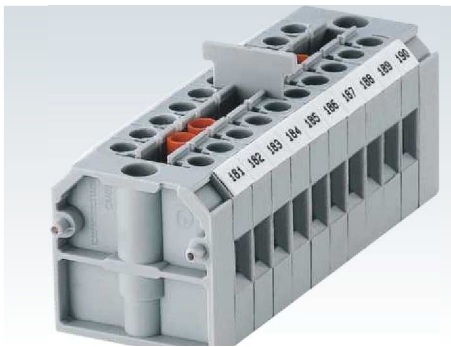
Miniature Terminal Blocks are an ideal choice for compact junction box applications. These Terminal Blocks can be mounted on DIN 15 rails.



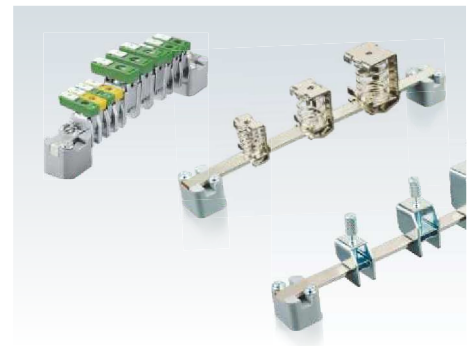
Spring Loaded Terminal Blocks are designed as per ESI standards and meet CEGB, SEC and NTPC guidelines.



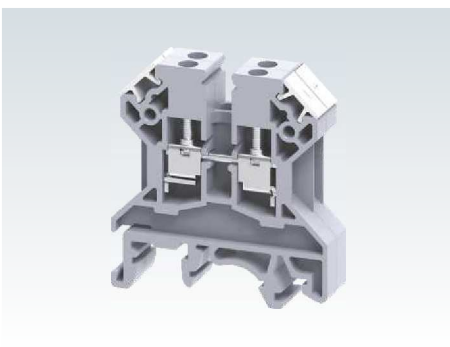
CTL series Terminal Blocks can be used for connecting sensors and actuators in control systems. Standard screw type jumpers are used to create configurations for ease of voltage distribution.



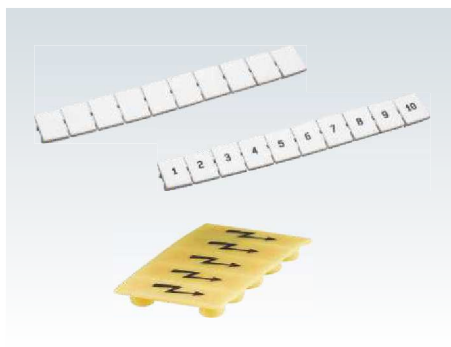
Panel mounted Terminal Blocks eliminate the need for using DIN rails. Individual terminals can be 'clicked' into each other to create specific pole configurations as per user requirements.



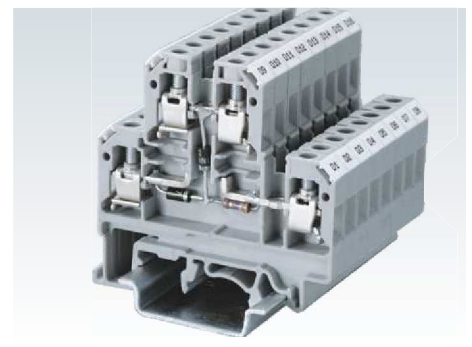
Shield connection clamps facilitate EMC continuity of shielded cables. Neutral & Earth clamps provides flexible solutions for terminating neutral & earthing wires on bus bars.



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 243.

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 IEC 60079-7
Voltage		1000 V	600 V 600 V 690 V
Current		24 A	25 A 25 A 21 A
Torque		0.4 Nm	7 lb-in 7 lb-in 0.4 Nm
Approvals		        	
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block	Grey	CTS2.5UN	100
	Blue	CTS2.5UNBU	100
	Red	CTS2.5UNR	100
	Yellow	CTS2.5UNY	100
	Black	CTS2.5UNBK	100
	Green	CTS2.5UNGN	100
	Orange	CTS2.5UNO	100
	White	CTS2.5UNW	100
	Ground / Earth (Refer Pg. 25-26 for Details)	CGT4N	50
End Plate		EP2.5/4UN	50
Partition Plate		PP2.5/4UN	50
Separator Plate		SP2.5/4UN	100
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 218 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 222 for details)		CA509/K5WHT	100
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	CA741/2	24 A	100
	3 pole	CA721/3	CA741/3	24 A	100
	4 pole	CA721/4	CA741/4	24 A	100
	10 pole	CA721/10	CA741/10	24 A	10
	100 pole	CA721/100	CA741/100	24 A	10
Configurable Jumper Bar	2 pole	CA703/01		24 A	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)				
Short Sleeve & Screw for configurable jumper bar		CA731/100		24 A	10
Switchable Jumpers		CA707/S/Q/01			100
Long Sleeve & Screw for Switchable Jumpers		CA706/01		24 A	100
External Jumpers	2 pole	CA707/L/Q/01			100
	3 pole		CA717/2	24 A	100
	4 pole		CA717/3	24 A	100
	10 pole		CA717/4	24 A	100
Test Socket			CA717/10	24 A	20
		CA707/TS/01			100

CTS2.5UE



6 x 43 mm

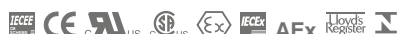
46.2 mm / 53.7 mm / 51.1 mm

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 IEC 60079-7

1000 V	600 V	600 V	690 V
30 A	35 A	30 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.4 Nm



Polyamide 6,6 / 1

8 KV / 3

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

CTS4UN



6 x 43 mm

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.2 - 4.0 mm 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 IEC 60079-7

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

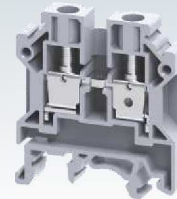


Polyamide 6,6 / 1

8 KV / 3

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

CTS6U



8 x 43 mm

47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
0.5 - 6.0 mm 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 IEC 60079-7

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



Polyamide 6,6 / 1

8 KV / 3

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

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

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

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

STANDARD FEED THROUGH TERMINAL BLOCKS

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 (Refer Pg. 26 - 28 for Details)	
End Plate	
Partition Plate	
Separator Plate	
Mounting Rail (Refer Pg. 217 for details)	
End Clamp (Refer Pg. 218 for details)	
Marking Tags (Refer Pg. 222 for details)	
Screw Driver	

Jumpers	
Screw Type Jumpers	2 pole 3 pole 4 pole 10 pole
Configurable Jumper Bar	2 pole 3 pole 4 pole 10 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
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 IEC 60079-7

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

CTS10U	100
CTS10UBU	100
CTS10UR	100
CTS10UY	100
CTS10UBK	100
CTS10UGN	100
CTS10UO	100
CTS10UW	100
CGT10N	50
EP6/10U	50
PP6/10U	50
SP6/10U	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K10WHT	100
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 mm²

20 - 4 AWG

0.2 - 16.0 mm²

20 - 4 AWG

0.2 - 10.0 mm²

20 - 8 AWG

0.2 - 10.0 mm²

20 - 8 AWG

12 mm

IEC60947-7-1

UL-1059

CSA22.2-158

IEC 60079-7

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

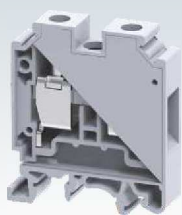
2.0 Nm

Polyamide 6,6 / 1

CTS16U	50
CTS16UBU	50
CTS16UR	50
CTS16UY	50
CTS16UBK	50
CTS16UGN	50
CGT16N	50
SP6/10U	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K12WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

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
	CA719/10	76 A	20
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 IEC 60079-7

1000 V	600 V	600 V	690 V
101 A	105 A	85 A	88 A
2.0 Nm	30 lb-in	18 lb-in	2.0 Nm



Polyamide 6,6 / 1

8 KV / 3

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

PP25UN

50

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

 50 m
 25 m

CA702 / CA802

50

CA509/K12WHT

100

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

10

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

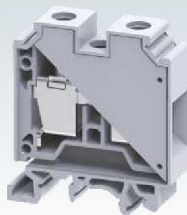
CA707/S/Q/2

100

CA707/TS/06

100

CTS35UN



16 x 50.5 mm

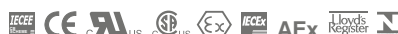
59.2 mm / 66.7 mm / 64.3 mm

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 IEC 60079-7

1000 V	600 V	600 V	800 V
125 A	150 A	130 A	109 A
2.5 Nm	50 lb-in	25 lb-in	2.5 Nm



Polyamide 6,6 / 1

8 KV / 3

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

CGT35U

20

PP35UN

50

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

 50 m
 25 m

CA702 / CA802

50

CA509/K16WHT

100

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

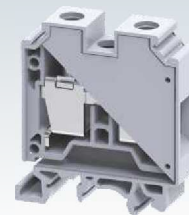
CA707/S/Q/2

100

CA707/TS/06

100

CTS35UNA



With Allen screw



16 x 50.5 mm

59.2 mm / 66.7 mm / 64.3 mm

IEC	UL - CSA
4.0 - 35.0 mm 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	130 A	
2.5 Nm	50 lb-in	25 lb-in	



Polyamide 6,6 / 1

8 KV / 3

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

CGT35U

20

PP35UN

50

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

 50 m
 25 m

CA702 / CA802

50

CA509/K16WHT

100

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

CA707/TS/06

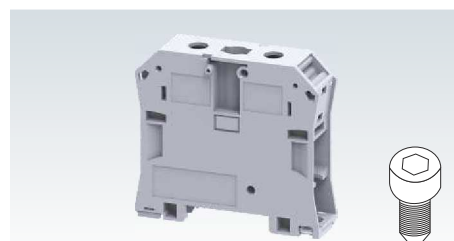
100

STANDARD FEED THROUGH TERMINAL BLOCKS

CTS50/70N



CTS50/70NA



With Allen screw



Width (Thickness) x Length

20.5 x 77 mm

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

71.1 mm / 78.1 mm

Connection Possibility as per

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

With 2 same size Conductors per clamp Stranded / Flexible

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

20.5 x 77 mm

71.1 mm / 78.1 mm

Connection Possibility as per

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

With 2 same size Conductors per clamp Stranded / Flexible

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

Wire Stripping Length

22 mm

Ratings As Per

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

Voltage

1000 V 1000 V 1000 V

Current

192 A 175 A 175 A

Torque

3.0 Nm 38 lb-in 38 lb-in

Approvals



Insulation Material / Material Group

Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree

8 KV / 3

Wire Stripping Length

22 mm

Ratings As Per

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

Voltage

1000 V 1000 V 1000 V

Current

192 A 175 A 175 A

Torque

3.0 Nm 38 lb-in 38 lb-in

Approvals



Insulation Material / Material Group

Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree

8 KV / 3

Terminal Block

Grey
Blue
Red
Yellow
Black
Green
Green-Yellow

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	20

Auxiliary / Pick Off Terminal



AUX6	10
------	----

Mounting Rail (Refer Pg. 217 for details)



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

End Clamp (Refer Pg. 218 for details)



CA202 / CA102	50
---------------	----

Marking Tags (Refer Pg. 222 for details)



CA509/K16WHT	100
--------------	-----

Terminal Block

CTS50/70NA	20
CTS50/70NABU	20
CTS50/70NAR	20
CTS50/70NAY	20
CTS50/70NABK	20
CTS50/70NAGN	20
CGT50/70N	20

Auxiliary / Pick Off Terminal

AUX6	10
------	----

Mounting Rail (Refer Pg. 217 for details)

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

End Clamp (Refer Pg. 218 for details)

CA202 / CA102	50
---------------	----

Marking Tags (Refer Pg. 222 for details)

CA509/K16WHT	100
--------------	-----

Jumpers

Screw Type Jumpers


2 pole
3 pole

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

Jumpers

Screw Type Jumpers

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

CTS95/120N



With Allen screw

27 x 85 mm

83.0 mm / 90.5 mm

IEC

UL - CSA

25.0 - 120.0 mm²

2 - 250 kcmil

25.0 - 120.0 mm²

2 - 250 kcmil

25.0 - 70 mm²

2 - 2/0 AWG

24 mm

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

1000 V

1000 V

1000 V

269 A

240 A

240 A

6.0 Nm

90 lb-in

90 lb-in



Polyamide 6,6 / 1

8 KV / 3

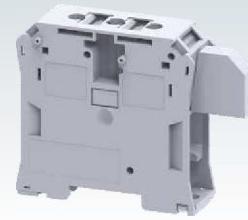
Type / Cat. No.	Standard Pack
CTS95/120N	10
CTS95/120NBU	10
CTS95/120NR	10
CTS95/120NY	10
CTS95/120NBK	10
CTS95/120NGN	10

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

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



Width (Thickness) x Length x Height

8 x 53.6 x 29.4 mm

With 1 Conductor
per clampStranded / Flexible
Solid
with Ferrule / LugWith 2 same size
Conductors per clampStranded / Flexible
with TWIN Ferrule / Lug0.5 - 6.0 mm²

22 - 8 AWG

0.5 - 6.0 mm²

22 - 8 AWG

0.5 - 4.0 mm²

22 - 10 AWG

0.5 - 4.0 mm²

22 - 10 AWG

Ratings As Per

Voltage

1000 V

600 V

600 V

630 V

Current

41 A

50 A

50 A

36 A

Torque

0.8 Nm

14 lb-in

14 lb-in

0.8 Nm

Auxiliary Terminal

AUX6

10

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

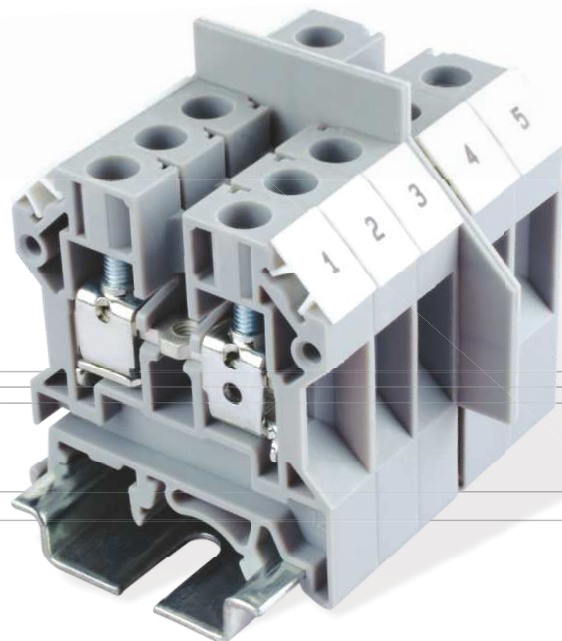
Marking Tag



CA509/K8WHT

100

AUX6



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.

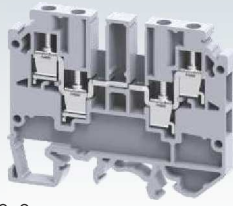
CMCG4 ground terminal enables the connection of grounding wires and is available in standard Green-Yellow colour.

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

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 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	IEC 60079-7		
Voltage		630 V	600 V	600 V	500 V		
Current		32 A	35 A	35 A	28 A		
Torque		0.5 Nm	7 lb-in	7 lb-in	0.5 Nm		
Approvals							
Insulation Material / Material Group		Polyamide 6,6 / 1					
Rated Impulse Voltage / Pollution Degree		8 KV / 3					
		Type / Cat. No.		Standard Pack			
Terminal Block		CMC1-2		100			
Ground / Earth (Refer Pg. 16 for Details)		CMC1-2BU		100			
End Plate		EPCMC1-2		50			
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S		50 m			
		CA701-15-1M / CA701-15-1M-S		25 m			
End Clamp (Refer Pg. 218 for details)		CA702 / CA802		50			
Marking Tags (Refer Pg. 222 for details)		CA509/K6WHT		100			
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10			
Jumpers		Uninsulated	Insulated	Imax	Standard Pack		
Screw Type Jumpers		2 pole		CA722/2	CA742/2	32 A	100
		3 pole		CA722/3	CA742/3	32 A	100
		4 pole		CA722/4	CA742/4	32 A	100
		10 pole		CA722/10	CA742/10	32 A	10
		100 pole		CA722/100	CA742/100	32 A	10
Configurable Jumper Bar		2 pole		CA703/1		32 A	100
		3 pole		CA704/1		32 A	100
		4 pole		CA705/1		32 A	100
		10 pole		CA732/10		32 A	100
		10 pole (Breakable)		CA732/10-A		32 A	100
		100 pole		CA732/100		32 A	10
		CA707/S/Q/01					100
Short Sleeve & Screw for configurable jumper bar		2 pole		CA713/2		30 A	100
		3 pole		CA713/3		30 A	100
		4 pole		CA713/4		30 A	100
		10 pole		CA713/10		30 A	20
		CA707/TS/01					100
External Jumpers							
Test Socket							

* 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 IEC 60079-7

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



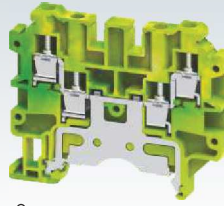
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMC2-2	50
CMC2-2BU	50
CMCG4	50
EPCMC2-2	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

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

CMCG4



6 x 65 mm

53.7 mm / 60.9 mm

IEC	UL - CSA
0.2 - 4.0 mm 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

0.5 Nm	4.5 lb-in	4.5 lb-in	



Polyamide 6,6 / 1

8 KV / 3

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

[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.

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

End Plate



Front Side
Back Side

Mounting Rail (Refer Pg. 217 for details)



End Clamp (Refer Pg. 218 for details)



Marking Tags (Refer Pg. 222 for details)



Screw Driver



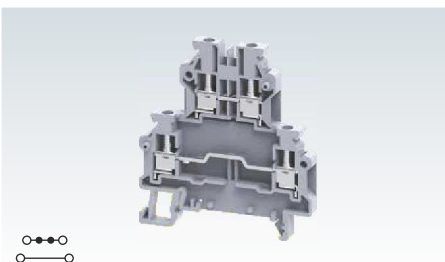
Jumpers

Pluggable
Jumpers



Test Plug

ODL2.5A



5 x 62 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

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



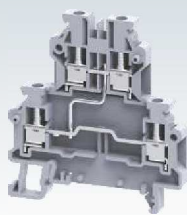
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODL2.5A	50
ODL2.5	50
EP0DL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.5/3 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		50

ODL2.5A(I.S)



5 x 62 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

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



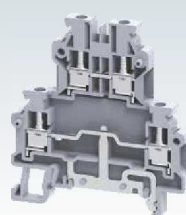
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODL2.5A(I.S)	50
ODL2.5(I.S)	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.5/3 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		50

ODLG2.5A



5 x 62 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

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



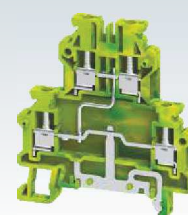
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODLG2.5A	50
ODLG2.5	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.5/3 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		50

ODLG2.5A(I.S)



5 x 62 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

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



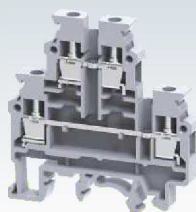
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
ODLG2.5A(I.S)	50
ODLG2.5(I.S)	50
EPODL2.5	50
EP1ODL2.5	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K5WHT	100
SCS0.5/3 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		50

CDL4UN



Width (Thickness) x Length

6 x 57 mm

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

59.5 mm / 67.2 mm / 64.5 mm

Connection Possibility as per

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

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

Wire Stripping Length

9 mm

Ratings As Per

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

Voltage

800 V 600 V 600 V 550 V

Current

32 A 35 A 35 A 28 A

Torque

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

Approvals



Insulation Material / Material Group

Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree

8 KV / 3

Terminal Block

Grey
Blue
Red
Yellow
Black
Green
Orange
White

Ground / Earth (Refer Pg. 20 for Details)

Type / Cat. No.	Standard Pack
CDL4UN	100
CDL4UNBU	100
CDL4UNR	100
CDL4UNY	100
CDL4UNBK	100
CDL4UNGN	100
CDL4UNO	100
CDL4UNW	100
CDLG4(I.S)	100

End Plate



EPCDL4UN 50

Separator Plate



SPCDL4U 100

Mounting Rail (Refer Pg. 217 for details)



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

End Clamp (Refer Pg. 218 for details)



CA702 / CA802 / CA202 50

Marking Tags (Refer Pg. 222 for details)



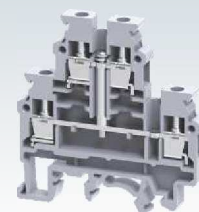
CA509/K6WHT 100

Screw Driver



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

800 V 600 V 600 V

32 A 35 A 35 A

0.5 Nm 7 lb-in 7 lb-in



Polyamide 6,6 / 1

8 KV / 3

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)	100

EPCDL4UN 50

SPCDL4U 100

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

CA702 / CA802 / CA202 50

CA509/K6WHT 100

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

Jumpers

Screw Type
Jumpers


2 pole
3 pole
4 pole
10 pole
100 pole

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

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

Configurable
Jumper Bar


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

Uninsulated	Insulated	Imax	Standard Pack
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

Uninsulated	Insulated	Imax	Standard Pack
CA703/1		32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10

Short Sleeve & Screw for
configurable jumper bar


CA707/S/Q/01 100

CA707/S/Q/01 100

External
Jumpers


2 pole
3 pole
4 pole
10 pole

Uninsulated	Insulated	Imax	Standard Pack
CA714/2		32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20

Uninsulated	Insulated	Imax	Standard Pack
CA714/2		32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20

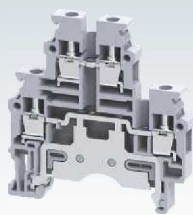
Test Socket



CA707/TS/01 100

CA707/TS/01 100

CDLG4



6 x 57 mm

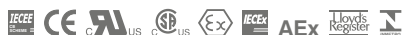
59.5 mm / 67.2 mm

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

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



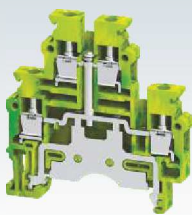
Polyamide 6,6 / 1

6 KV / 3

Type / Cat. No.	Standard Pack
CDLG4	100

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

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

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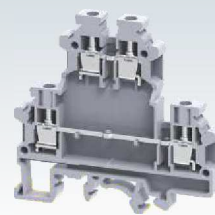
Polyamide 6,6 / 1

6 KV / 3

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

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

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 IEC 60079-7

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



Polyamide 6,6 / 1

6 KV / 3

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

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

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

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

CDLG2.5

100

End Plate



EPCDLG2.5

50

Separator Plate



SPCDLG2.5

100

Mounting Rail (Refer Pg. 217 for details)


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

50 m
25 m

End Clamp (Refer Pg. 218 for details)



CA702 / CA802 / CA202

50

Marking Tags (Refer Pg. 222 for details)



CA509/K2GWHT

100

Screw Driver



SCS0.5/3 Blade size: 0.5 x 3 mm

10

Jumpers

Screw Type
Jumpers

2 pole
3 pole
4 pole
10 pole
100 pole

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

Jumper
Bar

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

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


CA611/S/Q

100

External
Jumpers

2 pole
3 pole
4 pole
10 pole

Type / Cat. No.	I _{max}	Standard Pack
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20

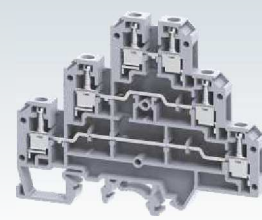
Test Socket



CA707/TS/01

100

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 IEC 60079-7

500 V

300 V

300 V

380 V

24 A

25 A

25 A

21 A

0.4 Nm

4.5 lb-in

4.5 lb-in

0.4 Nm



Polyamide 6,6 / 1

4 kV / 3

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

Type / Cat. No.	Standard Pack
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10

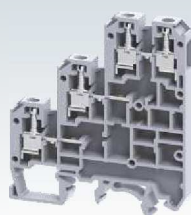
Type / Cat. No.	I _{max}	Standard Pack
CA722/2	24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10

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

Type / Cat. No.	I _{max}	Standard Pack
CA707/S/Q/01		100

Type / Cat. No.	I _{max}	Standard Pack
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 61 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 IEC 60079-7

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



Polyamide 6,6 / 1

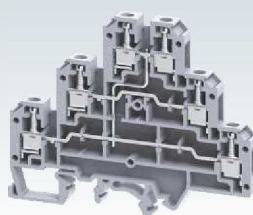
4 KV / 3

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

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

Type / Cat. No.	Imax	Standard Pack
CA722/2	24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10
CA703/1	24 A	100
CA704/1	24 A	100
CA705/1	24 A	100
CA732/10	24 A	100
CA732/10-A	24 A	100
CA732/100	24 A	10
CA707/S/Q/01		100
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100

CTL2.5U(I.S)



6 x 84 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm 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	150 V	150 V	
24 A	25 A	25 A	
0.4 Nm	4.5 lb-in	4.5 lb-in	



Polyamide 6,6 / 1

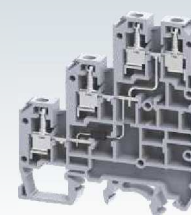
4 KV / 3

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

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

Type / Cat. No.	Imax	Standard Pack
CA722/2	24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10
CA703/1	24 A	100
CA704/1	24 A	100
CA705/1	24 A	100
CA732/10	24 A	100
CA732/10-A	24 A	100
CA732/100	24 A	10
CA707/S/Q/01		100
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100

CTL2.5UH(I.S)D2



6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm 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

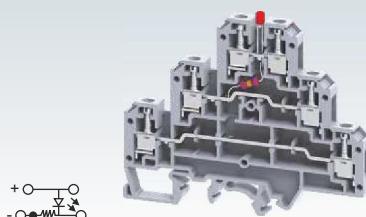
4 KV / 3

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

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

Type / Cat. No.	Imax	Standard Pack
CA722/2	24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10
CA703/1	24 A	100
CA704/1	24 A	100
CA705/1	24 A	100
CA732/10	24 A	100
CA732/10-A	24 A	100
CA732/100	24 A	10
CA707/S/Q/01		100
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100

CTL2.5UL



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 Ferrule / Lug
With 2 same size Conductors per clamp	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. 217 for details)



End Clamp (Refer Pg. 218 for details)



Marking Tags (Refer Pg. 222 for details)

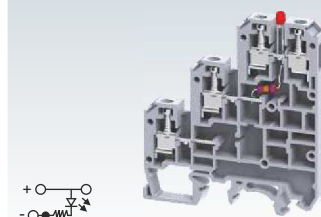


Screw Driver



Type / Cat. No.	Standard Pack
CTL2.5UL*	50
EPCTL2.5U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10

CTL2.5UHL



6 x 61 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	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802 / CA202	50
CA509/K2WHT	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10

Jumpers

Screw Type
Jumpers

2 pole
3 pole
4 pole
10 pole
100 pole

Type / Cat. No.	Imax	Standard Pack
CA722/2	24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10

Jumper
Bar

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

Type / Cat. No.	Imax	Standard Pack
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


CA707/S/Q/01 100

External
Jumpers

2 pole
3 pole
4 pole
10 pole

Type / Cat. No.	Imax	Standard Pack
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20

Test Socket



CA707/TS/01 100

Type / Cat. No.	Imax	Standard Pack
CA722/2	24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10
CA703/1	24 A	100
CA704/1	24 A	100
CA705/1	24 A	100
CA732/10	24 A	100
CA732/10-A	24 A	100
CA732/100	24 A	10
CA707/S/Q/01		100
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100

* 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		



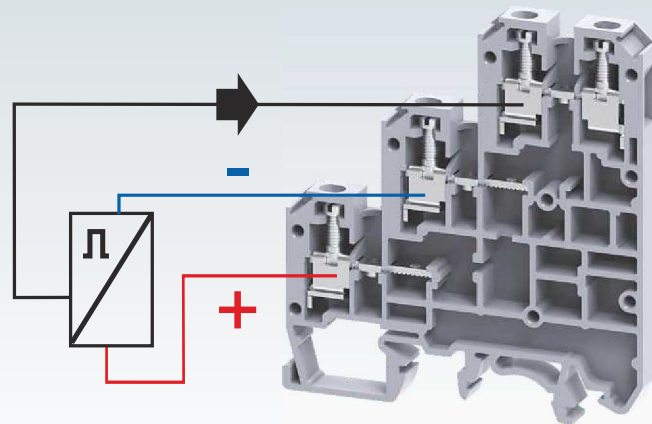
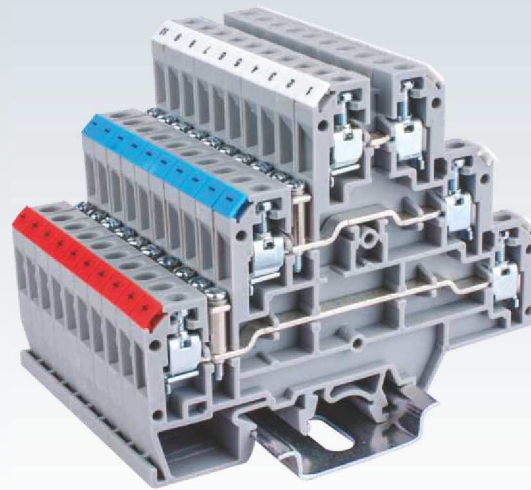
Polyamide 6,6 / 1

6 KV / 3

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

Type / Cat. No.	I _{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

CA611/S/Q		100
CA715/2	24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100



GROUND / EARTH TERMINAL BLOCKS

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

CGT4N, CGT6N, CGT10N, CGT16N & CGT50/70N terminals can be mounted only on the DIN 35 & DIN 35-15 Rails. They have the same top profile as their respective feed through Terminal Blocks.

CGT4U, CGT10U & CGT35U can be mounted on the DIN 35 and DIN 32 rails.

CGMT4 is suitable for DIN 15 micro rail & can be used in conjunction with CMT4 (Pg - 63) Terminal Blocks.

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

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

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

Terminal Block

End Plate



Mounting Rail (Refer Pg. 217 for details)



Marking Tags (Refer Pg. 222 for details)



Screw Driver



Type / Cat. No.

Standard Pack

CGT4N

50

CA701-1M / CA701-1M-S

50 m

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

25 m

CA509/K6WHT

100

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

10

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

CGT6N



8 x 54.5 mm

48.2 mm / 55.8 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

9 mm

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

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

0.8 Nm 7 lb-in 7 lb-in



Polyamide 6,6 / 1

8 KV / 3

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

11 mm

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

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

1.6 Nm 14 lb-in 14 lb-in



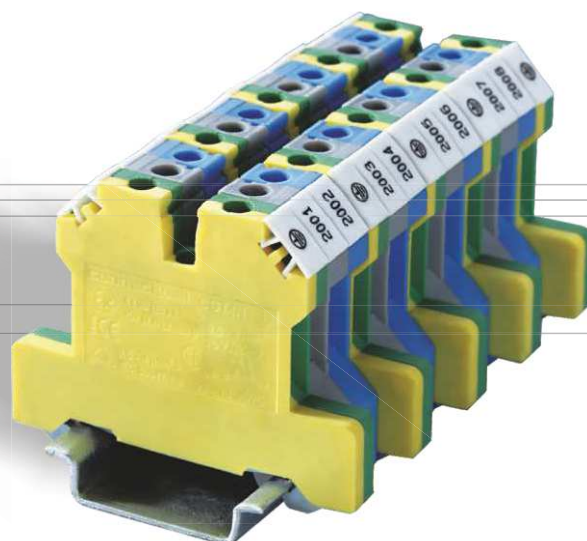
Polyamide 6,6 / 1

8 KV / 3

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

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

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



GROUND / EARTH TERMINAL BLOCKS

CGT10U



Width (Thickness) x Length

10 x 45 mm

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

51.0 mm / 58.2 mm / 55.7 mm

Connection Possibility as per

With 1 Conductor
per clampStranded / Flexible
Solid
with Ferrule / LugIEC
0.2 - 10.0 mm²

UL - CSA

16 - 8 AWG

0.2 - 10.0 mm²

16 - 8 AWG

With 2 same size
Conductors per clampStranded / Flexible
with TWIN Ferrule / Lug0.2 - 6.0 mm²

16 - 10 AWG

0.2 - 6.0 mm²

16 - 10 AWG

Wire Stripping Length

11 mm

Ratings As Per

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

Torque

1.6 Nm

14 lb-in

14 lb-in

1.2 Nm

Torque at Center Screw

0.5 Nm

4.5 lb-in

4.5 lb-in

Approvals



Insulation Material / Material Group

Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree

8 KV / 3

CGT16N



12 x 55 mm

48.5 mm / 56.0 mm

IEC
0.2 - 16.0 mm²

UL - CSA

20 - 4 AWG

0.2 - 16.0 mm²

20 - 4 AWG

0.2 - 10.0 mm²

20 - 6 AWG

0.2 - 10.0 mm²

20 - 6 AWG

12 mm

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

1.6 Nm

14 lb-in

14 lb-in

2.0 Nm

1.6 Nm

14 lb-in

14 lb-in

Approvals



Polyamide 6,6 / 1

8 KV / 3

Terminal Block

Type / Cat. No.

CGT10U

Standard Pack

50

Mounting Rail (Refer Pg. 217 for details)



CA701-1M / CA701-1M-S

50 m

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

25 m

CA501-1M / CA501-1M-S

50 m

Marking Tags (Refer Pg. 222 for details)



CA509/K10WHT

100

Screw Driver



SCS0.8/4

Blade size: 0.8 x 4 mm

10

Type / Cat. No.

CGT16N

Standard Pack

50

CA701-1M / CA701-1M-S

50 m

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

25 m

CA509/K12WHT

100

SCS1.0/5.5

Blade size: 1.0 x 5.5 mm

10

CGT35U



16 x 58 mm

63.2 mm / 70.5 mm / 68.0 mm

IEC	UL - CSA
2.5 - 35.0 mm ²	8 - 2 AWG
2.5 - 35.0 mm ²	8 - 2 AWG
2.5 - 25.0 mm ²	8 - 4 AWG

15 mm

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

2.8 Nm 25 lb-in 25 lb-in 2.5 Nm

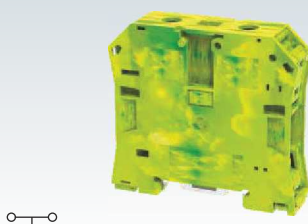
1.2 Nm 10 lb-in 10 lb-in



Polyamide 6,6 / 1

8 KV / 3

CGT50/70N



20 x 77 mm

71.1 mm / 78.1 mm

IEC	UL - CSA
10.0 - 70.0 mm ²	8 - 2 AWG
10.0 - 70.0 mm ²	8 - 2 AWG
10.0 - 35.0 mm ²	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

CGMT4



6 x 27 mm

30.7 mm (Height with DIN 15 Rail only)

For 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 IEC 60079-7

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

0.4 Nm 3.6 lb-in 3.6 lb-in



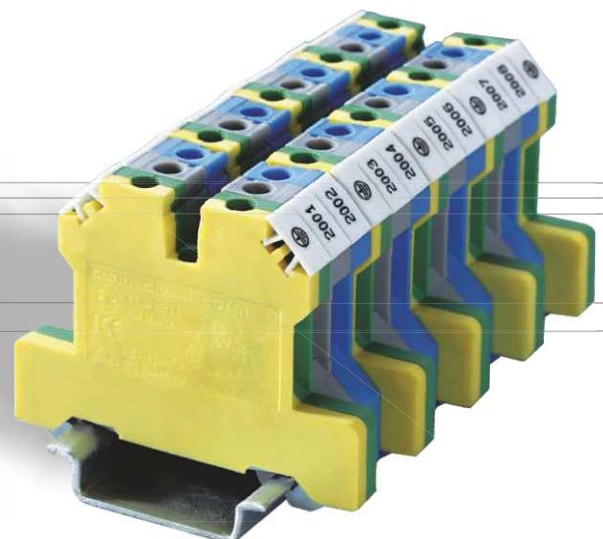
Polyamide 6,6 / 1

4 KV / 3

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

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

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



NEUTRAL / EARTH CLAMPS

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

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

Width (Thickness) x Length		7.5 x 23.3 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail					
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	10.0 mm ²		22 - 12 AWG	
	Solid			22 - 10 AWG	
With 2 same size Conductors per clamp	with Ferrule / Lug	10.0 mm ²		22 - 12 AWG	
	Stranded / Flexible	4.0 mm ²		22 - 14 AWG	
with TWIN Ferrule / Lug		4.0 mm ²		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			
		Type / Cat. No.		Standard Pack	
Terminal Block	Green	CENC4		50	
	Blue	CENC4BU		50	
	Black	CENC4BK		50	
	Grey	CENC4G		50	
Bus Bar 6 (H) x 6 (W) mm		NEB6		Imax.: 140 A	10
Bus Bar 10(H) x 3 (W) mm		NEB10		Imax.: 120 A	10
Plastic support with fixing screw		NES		50	
Bus Bar Support for DIN 35 Rail Mounting		CA202		50	
Marking Tags (Refer Pg. 222 for details)		CA509/K5WHT		100	
Screw Driver		SCS0.8/4		Blade size: 0.8 x 4 mm	10

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

CENC4



PANEL & RAIL MOUNTING ASSEMBLY OF CENC CLAMPS



CENC16



9.8 x 23.3 mm

IEC	UL - CSA
10.0 - 16.0 mm ²	10 - 6 AWG
10.0 - 16.0 mm ²	10 - 6 AWG
6.0 - 10.0 mm ²	10 - 4 AWG
6.0 - 10.0 mm ²	10 - 4 AWG

16 mm

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

800 V

76 A

2.0 Nm 17.5 lb-in 14 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CENC16	50
CENC16BU	50
CENC16BK	50
CENC16G	50
NEB6	Imax.: 140 A 10
NEB10	Imax.: 120 A 10
NES	50
CA202	50
CA509/K6WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

CENC35



14.5 x 27.3 mm

IEC	UL - CSA
10.0 - 35.0 mm ²	8 - 2 AWG
10.0 - 35.0 mm ²	8 - 2 AWG
10.0 - 25.0 mm ²	8 - 4 AWG

16 mm

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

800 V

125 A

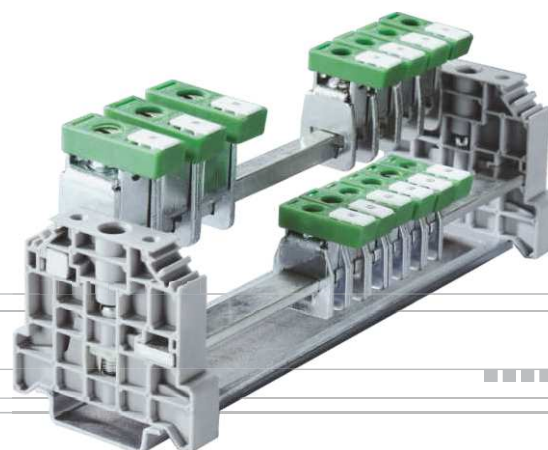
2.5 Nm 25 lb-in 25 lb-in



Polyamide 6,6 / 1

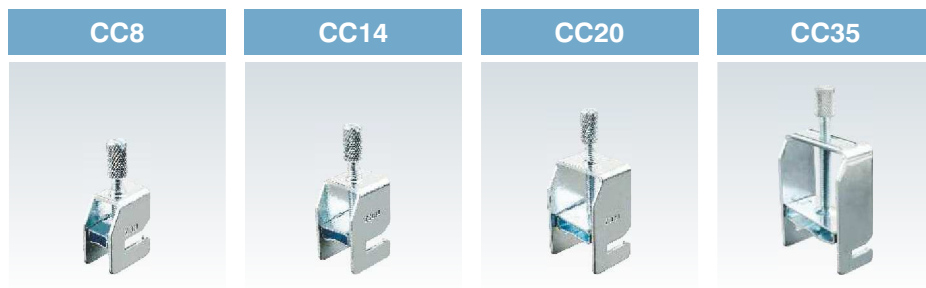
8 KV / 3

Type / Cat. No.	Standard Pack
CENC35	50
CENC35BU	50
CENC35BK	50
CENC35G	50
NEB6	Imax.: 140 A 10
NEB10	Imax.: 120 A 10
NES	50
CA202	50
CA509/K6WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10



SCREW TYPE SHIELD CONNECTION CLAMPS

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



Type of Mounting

Bus bar mounting screw type shield connectors

Shield connection clamps for cable size

Ø8 mm, tightening torque 0.6 Nm
Ø14 mm, tightening torque 0.8 Nm
Ø20 mm, tightening torque 0.8 Nm
Ø35 mm, tightening torque 1.5 Nm

Type / Cat. No.

Standard Pack

CC8	10
CC14	10
CC20	10
CC35	10

Busbar 10(W) X 3(T) mm

NEB10 I_{max} : 120A

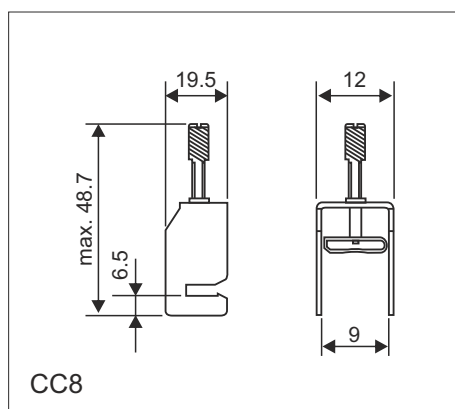
10

Mounting Support (Panel Mount)

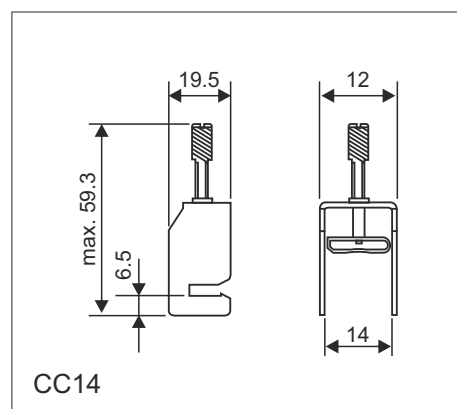
NES 50

Mounting Support (Din 35 Rail Mounting)

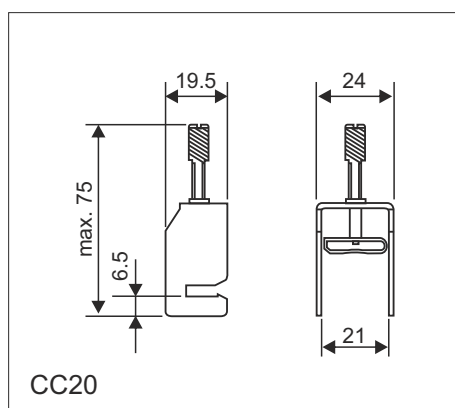
NESCC 20



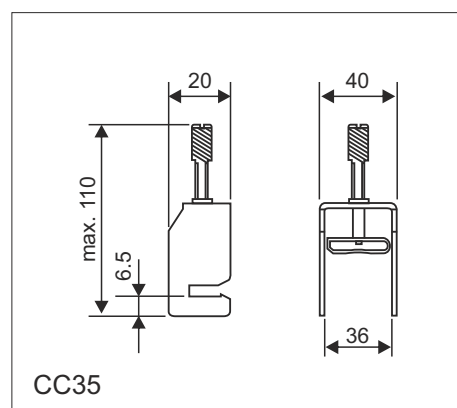
CC8



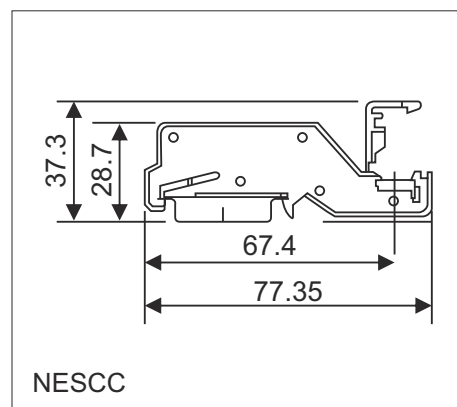
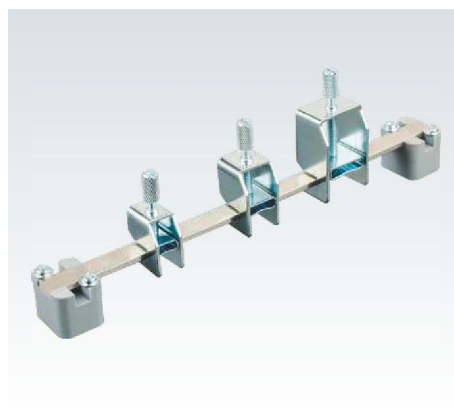
CC14



CC20



CC35



NESCC

SPRING TYPE SHIELD CONNECTION CLAMPS

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



Type of Mounting

Bus bar mounting spring type shield connectors

Shield connection clamps for Busbar 10 X 3 mm

Ø 2 - 6 mm
Ø 3 - 8 mm
Ø 4 - 13.5 mm
Ø 10 - 20 mm
Ø 15 - 32 mm

Busbar 10(W) X 3(T) mm

Mounting Support (Panel Mount)

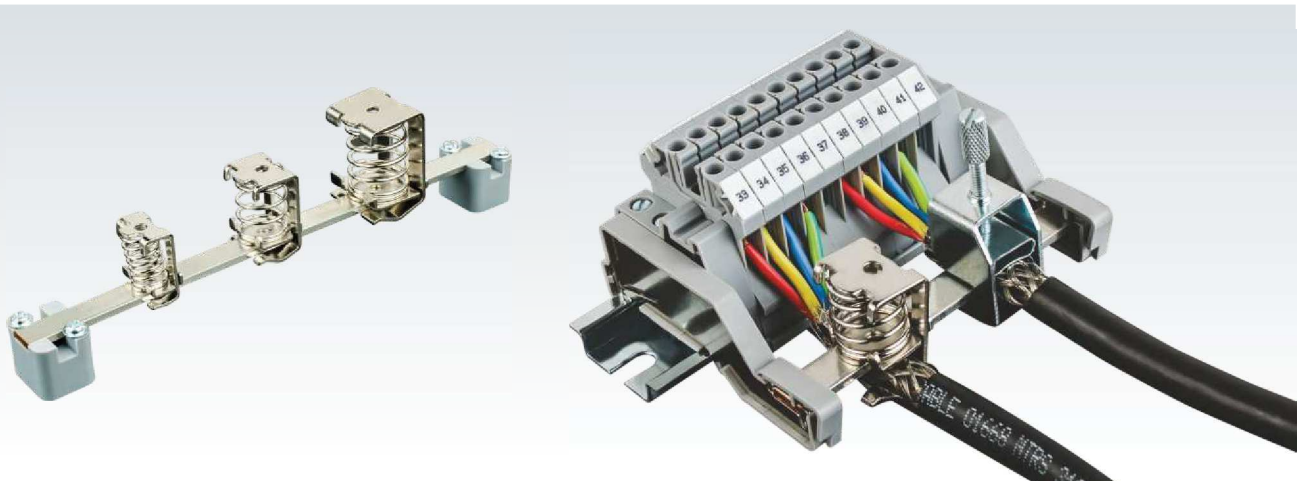
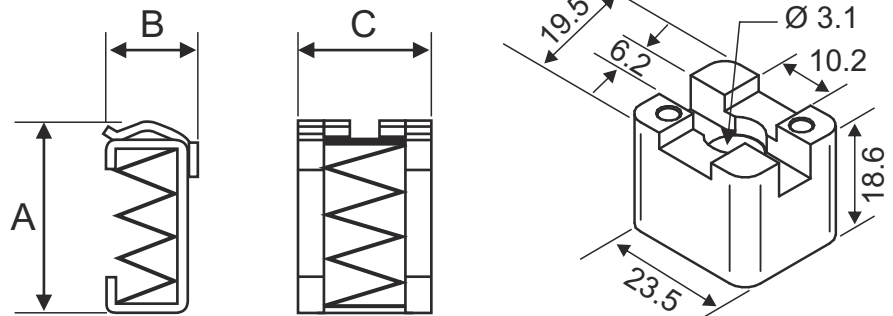
Mounting Support (Din 35 Rail Mounting)

Type / Cat. No.

Standard Pack

CCS2X2-6	10
CCS3-8	10
CCS4 -13.5	10
CCS10-20	10
CCS15-32	10
NEB10 I _{max} : 120A	10
NES	50
NESCC	20

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



FUSE TERMINAL BLOCKS

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

The CF4U series Terminal Blocks accepts industry standard Ø5 x 20mm and Ø5 x 25 mm 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.

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



8 x 57 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

9.5 mm

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

800 V	600 V	600 V
6.3 A	10 A	10 A
0.5 Nm	7 lb-in	7 lb-in



Polyamide 6,6 / 1

8 KV / 3

Ø5 x 20, Ø5 x 25 mm

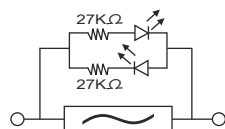
Terminal Block	Grey
	Blue
	Black
	With LED for 6 - 60 V AC/DC
	With LED for 110 - 240 V AC/DC
	With LED for 24 V AC/DC
	With LED for 48 V AC/DC
	With LED for 110 V AC/DC
	With LED for 220 V AC/DC
	With NEON for 110-220 V AC/DC
	With NEON for 300 V AC

End Plate	
Mounting Rail (Refer Pg. 217 for details)	
End Clamp (Refer Pg. 218 for details)	
Marking Tags	On Terminal On Fuse Carrier
Screw Driver	

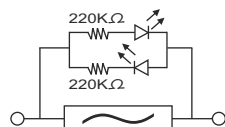
Jumpers	
Screw Type Jumpers	2 pole 3 pole 4 pole 10 pole
External Jumpers	2 pole 3 pole 4 pole 10 pole

Type / Cat. No.	Standard Pack
CF4U	100
CF4UBU	100
CF4UBK	100
CF4UL6-60V	100
CF4UL110-240V	100
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
CA509/K6WHT	100
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

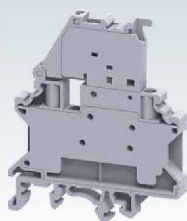


LED Circuit for offline indication in CF4UL6-60V / CF4SPL6-60V



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

CF4SP



6 x 58.5 mm

70.0 mm / 77.5 mm / 75.0 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	

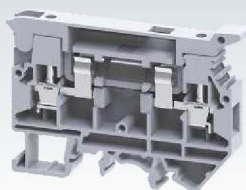


Polyamide 6,6 / 1

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

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

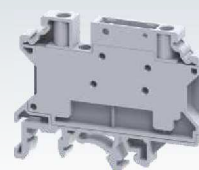


Polyamide 6,6 / 1

8 KV / 3

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 / 51.5 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

IEC60947-7-1 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
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

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

Type / Cat. No.	Standard Pack
CAFL4UW/F	25
CAFL4UBU	25
CAFL4UBK	25
CAFL4UL24V	25
CAFL4UL48V	25
CAFL4UL110V	25
CAFL4UL220V	25
CAFL4UN110V	25
CAFL4UN220V	25
EPCAFL4U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K9WHT	100
CA509/K9WHT	10
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Uninsulated	Insulated	Imax	Standard Pack
	CA716/2	32 A	50
	CA716/3	32 A	50
	CA716/4	32 A	50
	CA716/10	32 A	20

[illegible]

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

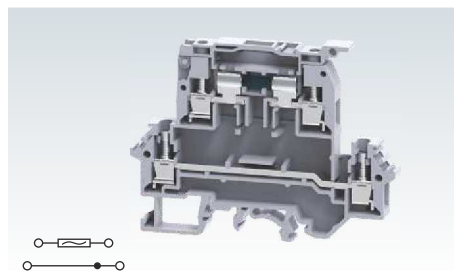
These blocks have a fuse carrier on the top level and a separate feed through terminal connection at the lower level. This eliminates the use of additional feed through Terminal Blocks.

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.

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

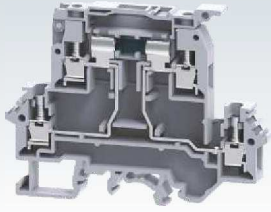
DDFL4U



		Type / Cat. No.	Standard Pack
Terminal Block	Grey	DDFL4UW/F	20
	With LED for 6 - 60 V AC/DC	DDFL4UE6-60V	20
	With LED for 110 - 240 V AC/DC	DDFL4UE110-240V	20
	With LED for 24 V AC/DC	DDFL4UE24V	20
	With LED for 48 V AC/DC	DDFL4UE48V	20
	With LED for 110 V AC/DC	DDFL4UE110V	20
	With LED for 220 V AC/DC	DDFL4UE220V	20
	With LED for 440 V AC	DDFL4UE440V	20
End Plate		EPDDFL4U	50
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 218 for details)		CA702 / CA802 / CA202	50
Marking Tags	On Terminal Continuous Tag	CA509/K8WHT	100
		CA509/K2WHT	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers		CA729/2	CA749/2	32 A	100
		CA729/3	CA749/3	32 A	50
		CA729/4	CA749/4	32 A	50
		CA729/10	CA749/10	32 A	10
External Jumpers			CA711/2	32 A	100
			CA711/3	32 A	50
			CA711/4	32 A	50
			CA711/10	32 A	20

DDFL4ULR



8 x 88 mm

67.4 mm / 74.3 mm / 71.4 mm

IEC	UL - CSA
0.2 - 4.0 mm 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

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

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

8 KV / 3

Ø5 x 20, Ø5 x 25 mm

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

Uninsulated	Insulated	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.

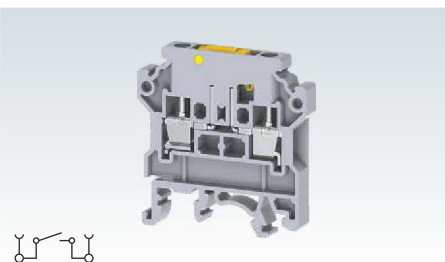
CKT4SP series terminal are completely closed and do not need a separate end plate.

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.

CKT4U

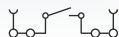
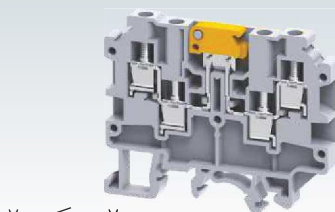


Width (Thickness) x Length	6 x 46.3 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	48.3 mm / 56.0 mm / 54.5 mm			
Connection Possibility as per	IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²	22 - 10 AWG	
	Solid	0.2 - 6.0 mm ²		
	with Ferrule / Lug	0.2 - 4.0 mm ²	22 - 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			
Voltage	800 V	600 V	600 V	
Current	28 A	35 A	16 A	
Torque	0.5 Nm	7 lb-in	7 lb-in	
Approvals				
Insulation Material / Material Group	Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			
	Type / Cat. No.		Standard Pack	
Terminal Block	With Standard Slotted Screw	CKT4U/S	50	
	With Socket Headed Screw - Grey	CKT4U	50	
	With Socket Headed Screw - Blue	CKT4UBU	50	
	Disconnecting knife with Pull Tab	CKT4UH	50	
End Plate		EPCKT4U	50	
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	50 m	
		CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 218 for details)		CA702 / CA802	50	
Marking Tags (Refer Pg. 222 for details)		CA509/K6WHT	100	
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				

Uninsulated	Insulated	Imax	Standard Pack

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

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



Polyamide 6,6 / 1

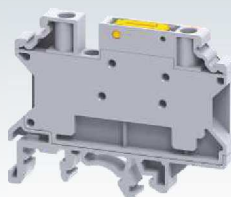
8 KV / 3

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

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

Uninsulated	Insulated	Imax	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

46.0 mm / 53.5 mm / 51.5 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

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

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



Polyamide 6,6 / 1

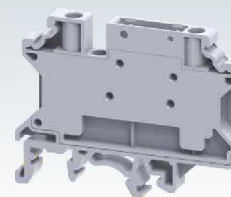
8 KV / 3

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

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

CF4SPFT



6 x 58.5 mm

46.0 mm / 53.5 mm / 51.5 mm

IEC	UL - CSA
0.2 - 4.0 mm 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
CF4SPFT	50
CF4SPFTBU	50

CA701-1M / CA701-1M-S	50 m		
CA701-15-1M / CA701-15-1M-S	25 m		
CA702 / CA802	50		
CA509/K6WHT	100		
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
	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.

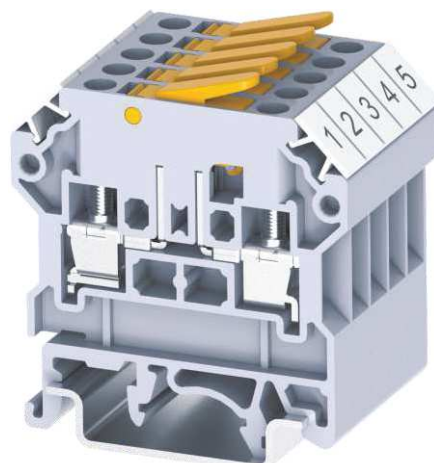
CKT6U



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 mm ² 22 - 8 AWG
	Solid	
With 2 same size Conductors per clamp	with Ferrule / Lug	0.5 - 6.0 mm ² 22 - 8 AWG
	Stranded / Flexible	0.5 - 2.5 mm ² 22 - 12 AWG
	with TWIN Ferrule / Lug	0.5 - 2.5 mm ² 22 - 12 AWG
Wire Stripping Length	8 mm	
Ratings As Per	IEC60947-7-1	
Voltage	1000 V	
Current	41 A	
Torque	0.8 Nm	
Approvals	CE	
Insulation Material / Material Group	Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree	8 KV / 3	

		Type / Cat. No.	Standard Pack
Terminal Block	Grey	CKT6U	50
	Blue	CKT6UBU	50
End Plate		EP6/10U	50
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 218 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 222 for details)		CA509/K8WHT	100
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

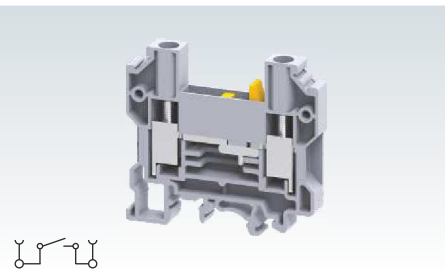
These blocks are used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

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.

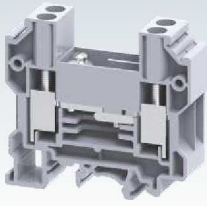
CDTTU



Width (Thickness) x Length		8 x 63 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		58.7 mm / 65.7 mm / 63.7 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	1.5 - 10.0 mm ²	16 - 8 AWG
	Solid		
With 2 same size Conductors per clamp	with Ferrule / Lug	1.5 - 10.0 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		57 A	41 A 41 A
Torque		1.2 Nm	14 lb-in 14 lb-in
Approvals			
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block	Grey Blue	CDTTU	50
		CDTTUBU	50
End Plate		EPCDTTU	50
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 218 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 222 for details)		CA509/K8WHT	100
Screw Driver		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Jumpers		Type / Cat. No.	I _{max}	Standard Pack
External Jumpers		2 pole	CA710/2	35 A 100
		3 pole	CA710/3	35 A 50
		4 pole	CA710/4	35 A 50
		10 pole	CA710/10	35 A 20
Shorting Plug		2 pole	QJ8/2	25

CDTTUSH



16 x 63 mm

58.7 mm / 65.7 mm / 63.7 mm

IEC	UL - CSA
1.5 - 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

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



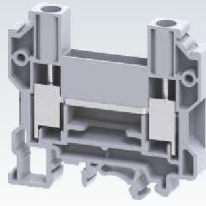
Polyamide 6,6 / 1

2.5 KV / 3

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

Type / Cat. No.	I _{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

58.7 mm / 65.7 mm / 63.7 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	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I _{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.

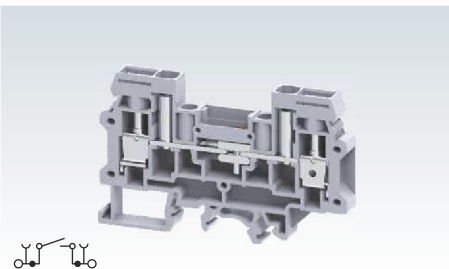
CDS6U/FT Terminal Block is a standard feed through Terminal Block.

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

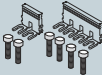
The SLS2 and SLS4 sliding jumpers can be used in combination with either the supplied screw or the TPSLS Test point screw system.

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

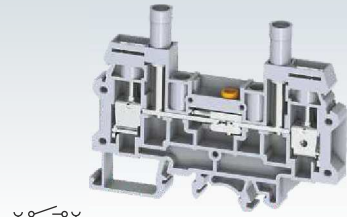
CDS6U



Width (Thickness) x Length	8 x 82 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	51.0 mm / 59.2 mm / 56.7 mm		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 6.0 mm ²	
	Solid	22 - 8 AWG	
	with Ferrule / Lug	0.2 - 6.0 mm ²	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm ²	
	with TWIN Ferrule / Lug	22 - 10 AWG	
		0.2 - 4.0 mm ²	
Wire Stripping Length	10 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	800 V	600 V	600 V
Current	41 A	45 A	45 A
Torque	0.8 Nm	14 lb-in	14 lb-in
Approvals			
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		
	Type / Cat. No.	Standard Pack	
Terminal Block	CDS6U	50	
	CDS6UBU	50	
End Plate	EPCDS6U	50	
Mounting Rail (Refer Pg. 217 for details)	CA701-1M / CA701-1M-S	50 m	
	CA701-15-1M / CA701-15-1M-S	25 m	
End Clamp (Refer Pg. 218 for details)	CA702 / CA802	50	
Marking Tags (Refer Pg. 222 for details)	CA509/K8WHT	100	
Screw Driver	SCS0,8/4	Blade size: 0.8 x 4 mm	10

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

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

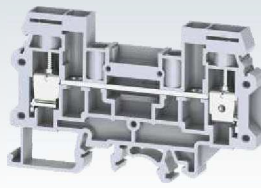
8 KV / 3

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

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

SWCDS	35 A	50
LCCDS		50
QJ8/2		25

CDS6U/FT



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm 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

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



Polyamide 6,6 / 1

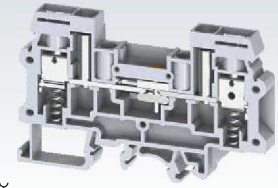
8 KV / 3

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

Type / Cat. No.	Imax	Standard Pack
CA723/2	41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10

SWCDS	35 A	50
LCCDS		50
QJ8/2		25

CDS6U/SC



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm 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

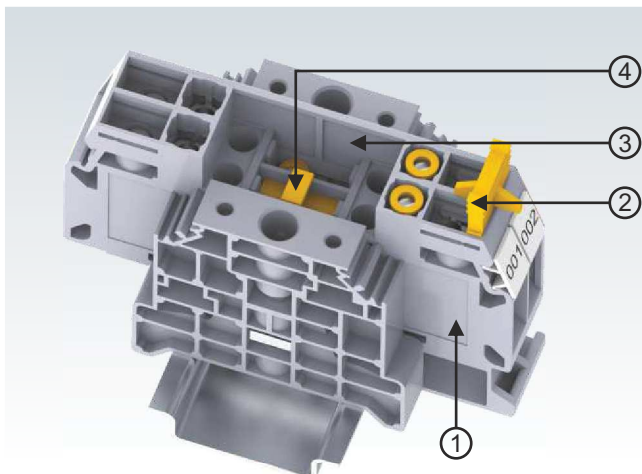
Type / Cat. No.	Standard Pack
CDS6U/SC	50
EPCDS6U	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

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

TPSLS		50
TPSLSR		50
TPSLSY		50
TPSLSBU		50
TPSLSBK		50

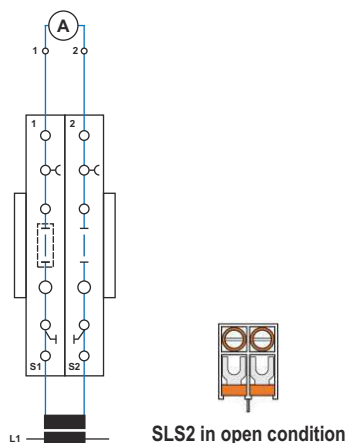
SWCDS	35 A	50
LCCDS		50
QJ8/2		25

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

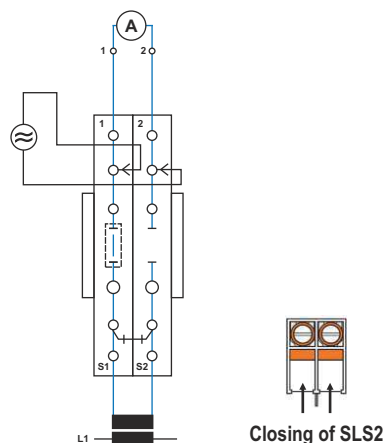


No.	Cat. No.	Qty.
1	CDS6U	2
2	SLS2	1
3	EPCDS6U	1
4	LCCDS	1

Operating status



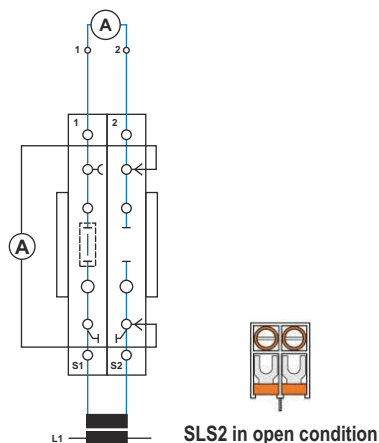
Meter test for L1 through external power supply



Sequence for test :

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

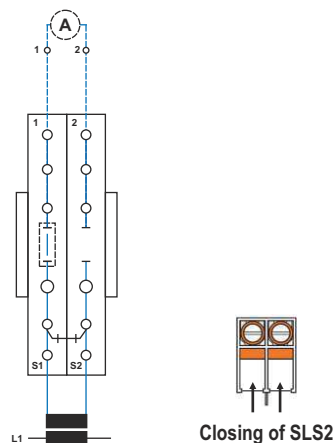
Comparison measurement for L1



Sequence for test :

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

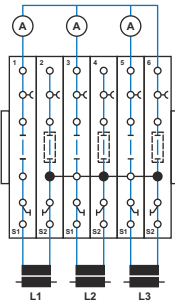
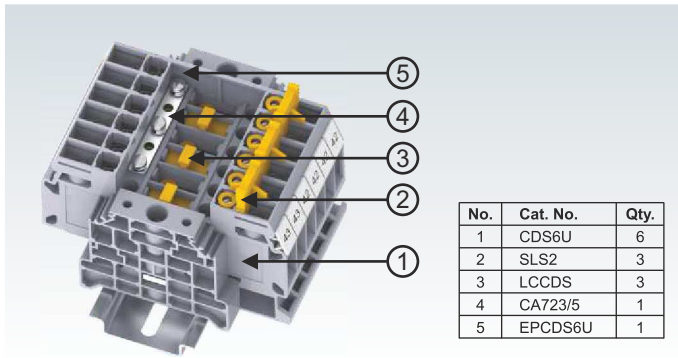
Changing the meter for L1



Sequence for test :

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

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

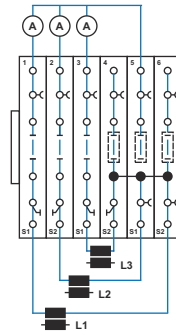
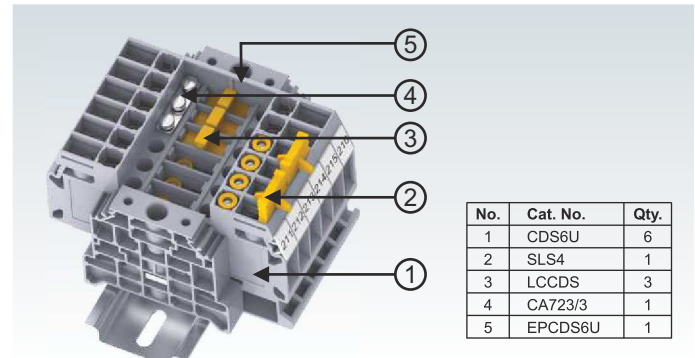


Operating status
(with internal distribution of the k-point)

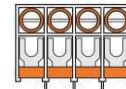


SLS2 in open condition

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

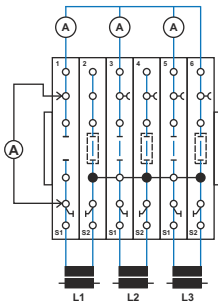


Operating status



SLS4 in open condition

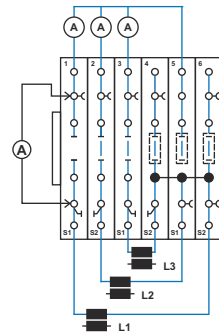
Comparison measurement for L1



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.

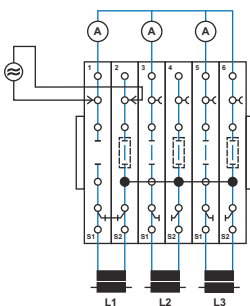
Comparison measurement for L1



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.

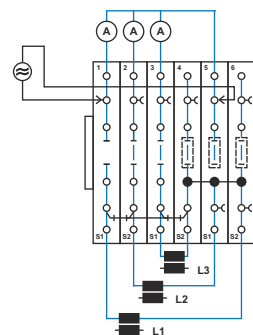
Meter test for L1 through external power supply



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.

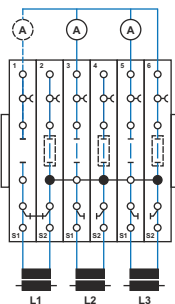
Meter test for L1 through external power supply



Sequence for test :

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

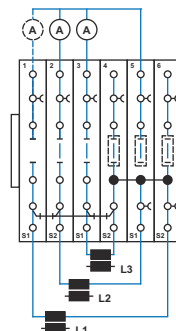
Changing the meter for L1



Sequence for test :

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

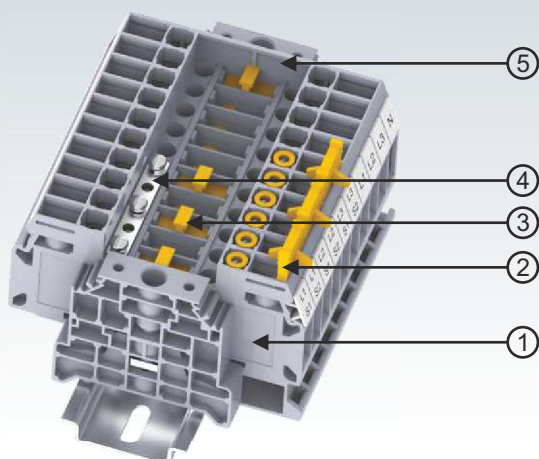
Changing the meter for L1



Sequence for test :

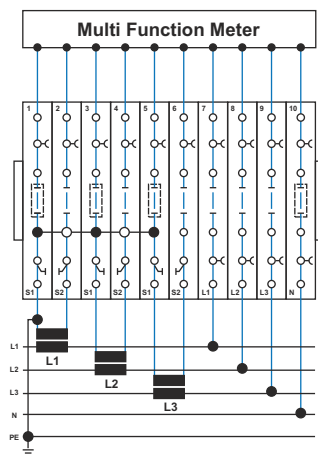
- 1) Close short circuit slide SLS4 of terminals 1, 2, 3 and 4.
- 2) Open disconnect slide link of terminal 1.
- 3) Disconnect meter for L1.

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



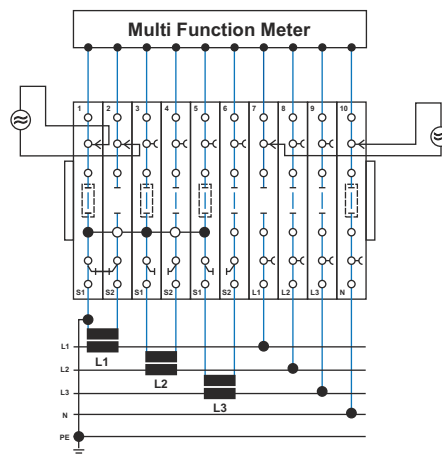
No.	Cat. No.	Qty.
1	CDS6U	10
2	SLS2	3
3	LCCDS	4
4	CA723/5	1
5	EPCDS6U	1

Operating status



SLS2 in open condition

Meter test for L1 through external power supply

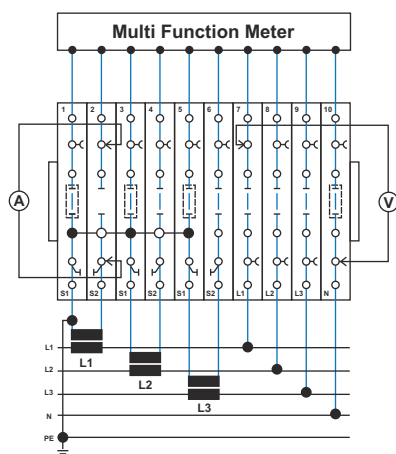


Closing of SLS2

Sequence for test :

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

Comparison measurement for L1

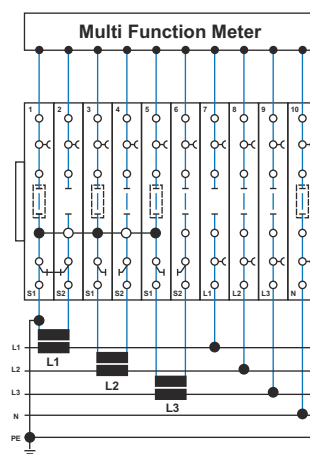


SLS2 in open condition

Sequence for test :

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

Changing the meter for L1



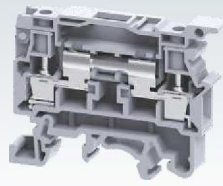
Closing of SLS2

Sequence for test :

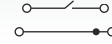
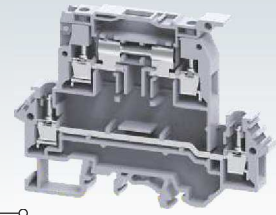
- 1) Close short circuit slide SLS2 of terminals 1 and 2.
- 2) Open disconnect slide link of terminal 2 and 7.
- 3) Disconnect meter for L1 at terminals 1, 2 and 7.

DISCONNECT & TEST TERMINAL BLOCKS

CSDL4U



DDDL4U



Width (Thickness) x Length		8 x 58 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		44.5 mm / 52.0 mm / 49.4 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm 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		9.5 mm			
Ratings As Per		IEC60947-7-1 UL-1059 CSA22.2-158			
Voltage		1000 V	600 V	600 V	
Current	Top Level	10 A	14 A	14 A	
	Bottom Level				
Torque		0.5 Nm	7 lb-in	7 lb-in	
Approvals		   			
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		5 KV / 3			
		Type / Cat. No.		Standard Pack	
Terminal Block	Grey	CSDL4U		100	
	Blue				
	Black				
End Plate		EPCSFL4U		50	
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S		50 m	
		CA701-15-1M / CA701-15-1M-S		25 m	
End Clamp (Refer Pg. 218 for details)		CA702 / CA802		50	
Marking Tags	On Terminal	CA509/K8WHT		100	
	Continuous Tag	CA509/K2WHT		100	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10	

8 x 88 mm			
67.4 mm / 74.3 mm / 71.4 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	
9.5 mm			
IEC60947-7-1 UL-1059 CSA22.2-158			
800 V	600 V	600 V	
10 A	6.3 A	14 A	
32 A	35 A	32 A	
0.5 Nm	7 lb-in	7 lb-in	
   			
Polyamide 6,6 / 1			
5 KV / 3			
Type / Cat. No.			Standard Pack
DDDL4U			20
DDDL4UBU			20
DDDL4UBK			20
EPDDFL4U			50
CA701-1M / CA701-1M-S			50 m
CA701-15-1M / CA701-15-1M-S			25 m
CA702 / CA802			50
CA509/K8WHT			100
CA509/K2WHT			100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm			10

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers		2 pole			
		3 pole			
		4 pole			
		10 pole			
		100 pole			
Configurable Jumper Bar		2 pole			
		3 pole			
		4 pole			
		10 pole			
Short Sleeve & Screw for configurable jumper bar					
External Jumpers		2 pole	CA711/2	32 A	100
		3 pole	CA711/3	32 A	50
		4 pole	CA711/4	32 A	50
		10 pole	CA711/10	32 A	20

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers		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
Configurable Jumper Bar		CA703/6		32 A	100
		CA704/6		32 A	100
		CA705/6		32 A	100
		CA737/10		32 A	100
Short Sleeve & Screw for configurable jumper bar					
External Jumpers		CA707/S/Q/3			100
			CA711/2	32 A	100
			CA711/3	32 A	50
			CA711/4	32 A	50
			CA711/10	32 A	20

DISTRIBUTION BLOCKS

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

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

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

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

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

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

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

Wire size at Input

Connection Possibility as per

With 1 Conductor per clamp	Stranded / Flexible
	Solid
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	16 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

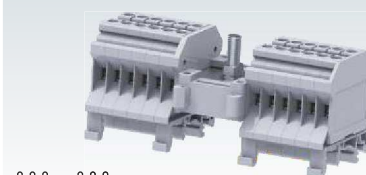
Rated Impulse Voltage / Pollution Degree

Terminal Block

Mounting Rail	(Refer Pg. 217 for details)	
End Clamp	(Refer Pg. 218 for details)	
Marking Tags	(Refer Pg. 222 for details)	
Screw Driver		

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

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

Type / Cat. No.	H x W x T (mm)	No. of Output
CDB4/1	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

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



Polyamide 6,6 / 1

8 KV / 3

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

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

CA702 / CA802	50
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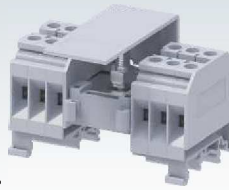
CA509/K6WHT	100
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SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10
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Type / Cat. No.	H x W x T (mm)	No. of Output
CDB4/2(1)	45 x 43 x 52	6
CDB4/3(1)	45 x 43 x 58	8
CDB4/4(1)	45 x 43 x 64	10
CDB4/5(1)	45 x 43 x 70	12
CDB4/6(1)	45 x 43 x 76	14
CDB4/10(1)	45 x 43 x 100	22
CDB4/11(1)	45 x 43 x 106	24

* Total output current of the system.

CDB6



47.8 mm / 55.5 mm / 52.8 mm

25.0 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

9 mm

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

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



Polyamide 6,6 / 1

8 KV / 3

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

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

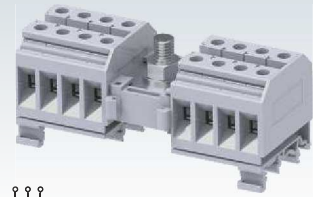
CA702 / CA802	50
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CA509/K8WHT	100
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SCS0.8/4	Blade size: 0.8 x 4 mm	10
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Type / Cat. No.	H x W x T (mm)	No. of Output
CDB6/1	43 x 48 x 48	4
CDB6/2	43 x 48 x 64	8
CDB6/3	43 x 48 x 80	12
CDB6/4	43 x 48 x 96	16

CDB10



47.8 mm / 55.5 mm / 52.8 mm

35.0 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	50 m
CA701-15-1M / CA701-15-1M-S	25 m

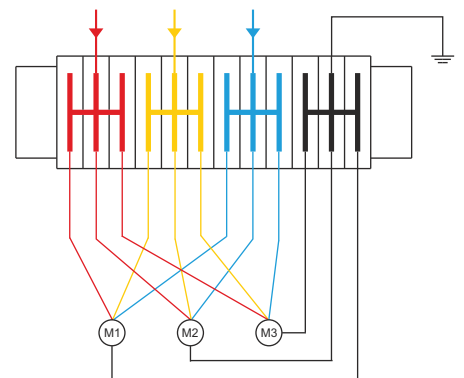
CA702 / CA802	50
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CA509/K10WHT	100
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SCS0.8/4	Blade size: 0.8 x 4 mm	10
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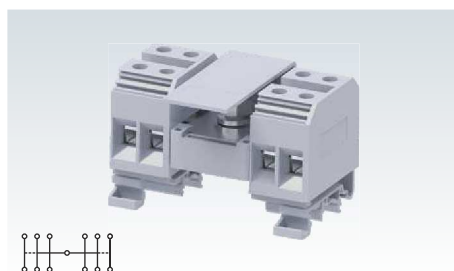
Type / Cat. No.	H x W x T (mm)	No. of Output
CDB10/2	43 x 48 x 72	8
CDB10/3	43 x 48 x 92	12
CDB10/4	43 x 48 x 112	16

Phase Distribution Application with CDB Terminals



DISTRIBUTION BLOCKS

CDB25



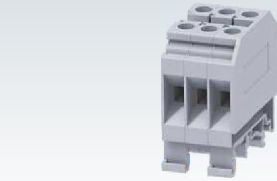
CMDB4



Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		57.2 mm / 64.7 mm / 62.3 mm				46.2 mm / 53.7 mm / 51.1 mm			
Wire size at Input		50.0 mm 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				8 mm			
Ratings As Per		IEC60947-7-1		UL-1059	CSA22.2-158	IEC60947-7-1		UL-1059	
Voltage		800 V	600 V	600 V		1000 V	600 V		
Current	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	6.0 Nm	53 lb-in			0.5 Nm	7 lb-in		
Output		2.0 Nm	22 lb-in						
Approvals									
Insulation Material / Material Group		Polyamide 6,6 / 1				Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3				8 KV / 3			
		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	
Mounting Rail	(Refer Pg. 217 for details)	CA701-1M / CA701-1M-S		50 m		CA701-1M / CA701-1M-S		50 m	
		CA701-15-1M / CA701-15-1M-S		25 m		CA701-15-1M / CA701-15-1M-S		25 m	
End Clamp	(Refer Pg. 218 for details)	CA702 / CA802		50		CA702 / CA802		50	
Marking Tags	(Refer Pg. 222 for details)	CA509/K12WHT		100		CA509/K6WHT		100	
Warning Label						SWL4		50	
Screw Driver		SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10	
		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

9 mm

IEC60947-7-1 UL-1059

1000 V	600 V		
41 A	50 A		

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

8 KV / 3

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

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

CMDB10



47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
1.5 - 10.0 mm 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		
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Polyamide 6,6 / 1

8 KV / 3

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

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

CMDB25



57.2 mm / 64.7 mm / 62.3 mm

IEC	UL - CSA
6.0 - 25.0 mm 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	
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Polyamide 6,6 / 1

8 KV / 3

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

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

COMPACT DISTRIBUTION BLOCKS

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

These blocks are completely shrouded and offer IP 20 protection.

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
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		

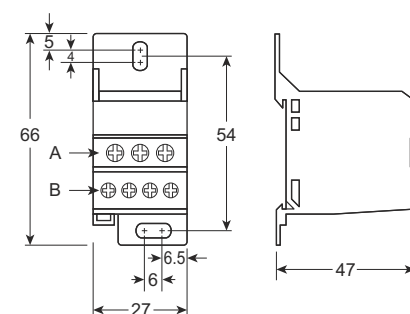
Type / Cat. No.	Standard Pack
DB16	10
DB16BU	10
DB16R	10
DB16Y	10
DB16BK	10
DB16GN	10

Type / Cat. No.	Standard Pack
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K7.5WHT	100
SCPH2	10

Terminal Block	Grey
	Blue
	Red
	Yellow
	Black
	Green
Mounting Rail (Refer Pg. 217 for details)	
End Clamp (Refer Pg. 218 for details)	
Marking Tags (Refer Pg. 222 for details)	
Screw Driver	

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

DB16



DB25



30.5 x 55.4 mm

52.1 mm / 61.35 mm

6

IEC	
2.5 - 25 mm ² (2 Conn.)	
17 mm	
3.0 Nm	
1.5 - 10 mm ² (3 Conn.)	
9 mm	
2.0 Nm	
1.5 - 10 mm ² (3 Conn.)	
9 mm	
2.0 Nm	

IEC60947-7-1

690 V

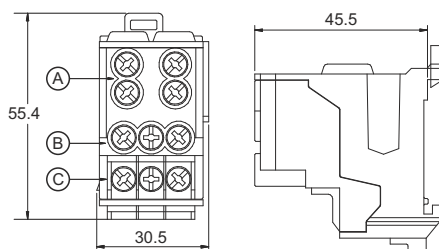
100 A



Polyamide 6,6 / 1

6 KV / 3

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



DB35



27 x 74.5 mm

50.8 mm / 57.8 mm

8

IEC	UL - CSA
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

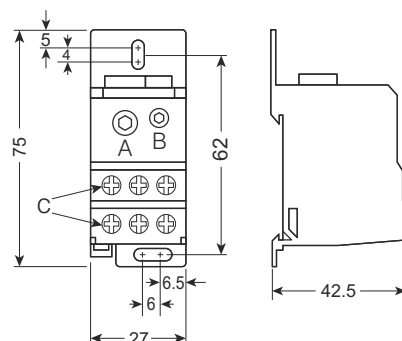
115 A



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	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K7.5WHT	100
SCPH2 Blade size: 2 x 100 mm	10



DB70



41.6 x 74.45mm

55.2 mm / 66.5 mm

8

IEC	UL - CSA
10 - 70 mm ² (1 Conn.)	8 - 1/0 AWG
17 mm	17 mm
10.0 Nm	90 lb-in
2.5 - 25 mm ² (2 Conn.)	14 - 4 AWG
12 mm	12 mm
2.0 Nm	27 lb-in
1.5 - 16 mm ² (3 Conn.)	16 - 6 AWG
12 mm	12 mm
2.0 Nm	27 lb-in

IEC60947-7-1

UL-1059

1000 V

600 V

160 A

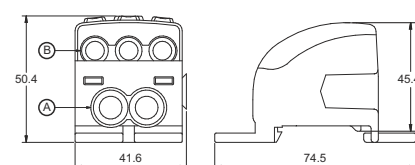
160 A



Polyamide 6,6 / 1

6 KV / 3

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



COMPACT DISTRIBUTION BLOCKS

PDB400



DB185



Width (Thickness) x Length

53.3 x 94 mm

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

77.5 mm / 85.0 mm

Total number of connection points

8

Connection Possibility as per

At 1 Connection Point (Input)	Wire Range	35 - 120 mm ² (1 Conn.)
	Stripping Length	27 mm
	Torque	19.0 Nm
At 2 Connection Points (Position A in diagram)	Wire Range	4.0 - 35 mm ² (2 Conn.)
	Stripping Length	18 mm
	Torque	2.5 Nm
At 3 Connection Point (Position B in diagram)	Wire Range	2.5 - 25 mm ² (3 Conn.)
	Stripping Length	12 mm
	Torque	2.0 Nm
At 4 Connection Point (Position C in diagram)	Wire Range	1.5 - 16 mm ² (4 Conn.)
	Stripping Length	12 mm
	Torque	2.0 Nm

IEC	UL - CSA
35 - 120 mm ² (1 Conn.)	2 - 250 KCMIL
27 mm	19 mm
19.0 Nm	172 lb-in
4.0 - 35 mm ² (2 Conn.)	12 - 2 AWG
18 mm	18 mm
2.5 Nm	54 lb-in
2.5 - 25 mm ² (3 Conn.)	14 - 4 AWG
12 mm	12 mm
2.0 Nm	27 lb-in
1.5 - 16 mm ² (4 Conn.)	16 - 6 AWG
12 mm	12 mm
2.0 Nm	27 lb-in

Ratings As Per

Voltage

IEC60947-7-1 1000 V
UL-1059 600 V

Current

250 A 250 A

Approvals



Insulation Material / Material Group

Polyamide 6,6 / 1

Rated Impulse Voltage / Pollution Degree

6 kV / 3

Terminal Block

Type / Cat. No.	Standard Pack
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PDB400 1

Mounting Rail (Refer Pg. 217 for details)



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

End Clamp (Refer Pg. 218 for details)



CA702 / CA802 50

Marking Tags (Refer Pg. 222 for details)

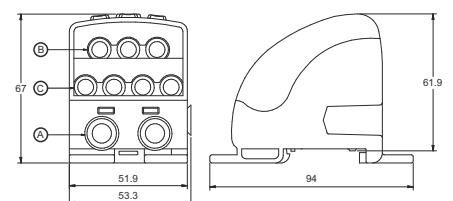
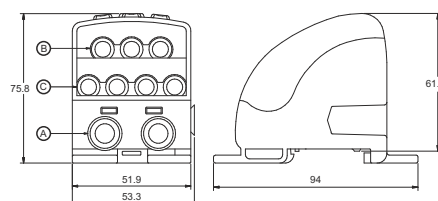


Screw Driver



SCPH2 Blade size: 2 x 100 mm 10

Type / Cat. No.	Standard Pack
DB185	1
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
SCPH2 Blade size: 2 x 100 mm	10



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	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²	
	Solid	0.2 - 6.0 mm ²	
	with Ferrule / Lug	0.2 - 4.0 mm ²	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm ²	
	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		*	*
Torque		0.5 Nm	4.5 lb-in
Approvals		CE	
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
		Type / Cat. No.	
Terminal Block		CCC4U	
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	
End Clamp (Refer Pg. 218 for details)		CA702 / CA802	
Marking Tags (Refer Pg. 222 for details)		CA509/K6WHT	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	
Jumpers		Type / Cat. No.	
Pre Assembled Jumpers	2 pole	CA722/2	
	3 pole	CA722/3	
	4 pole	CA722/4	
	10 pole	CA722/10	

* 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	CPD1	50					
	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				
Width (Thickness) x Length x Height	6 x 28 x 35 mm		6 x 28 x 35 mm			CIP	50	
* Current Rating	1 A		6.3 A			5.4 x 17.45 x 26 mm		
Marking Tags (Refer Pg. 222 for details)	CA509/K6WHT	100	CA509/K6WHT	100		10 A		

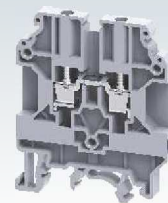
HIGH VOLTAGE TERMINAL BLOCKS

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

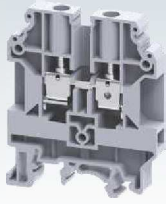
A specially designed flexible foot enables easy mounting and dismounting from the mounting rail with the help of a screw driver. These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of Jumpers / sleeves & screws.

Width (Thickness) x Length		6 x 52 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		63.4 mm / 70.8 mm / 68.2 mm			
Connection Possibility as per		IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm 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	CSA22.2-158	
Voltage		1000 V	1000 V	1000 V	
Current		32 A	35 A	35 A	
Torque		0.5 Nm	7 lb-in	7 lb-in	
Approvals					
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			
		Type / Cat. No.	Standard Pack		
Terminal Block	Grey	CHV4U	50		
	Blue	CHV4UBU	50		
End Plate		EPUSC	50		
Separator Plate		SP2.5/4UN	50		
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	50 m		
		CA701-15-1M / CA701-15-1M-S	25 m		
End Clamp (Refer Pg. 218 for details)		CA702 / CA802	50		
Marking Tags (Refer Pg. 222 for details)		CA509/K6WHT	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	CA623/2	32 A	100
		3 pole	CA623/3	32 A	100
		4 pole	CA623/4	32 A	100
		10 pole	CA623/10	32 A	10

CHV4U



CHV6U



8 x 52 mm

63.4 mm / 70.8 mm / 68.2 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	



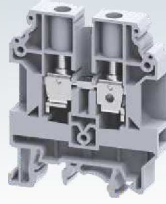
Polyamide 6,6 / 1

8 KV / 3

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

Type / Cat. No.	I _{max}	Standard Pack
CA624/2	41 A	100
CA624/3	41 A	100
CA624/4	41 A	100
CA624/10	41 A	10

CHV10U



10 x 52 mm

63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 10.0 mm 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	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K10WHT	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

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

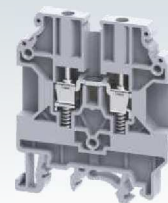
CDS6U/SC is spring loaded disconnect & test Terminal Block suitable for CT, PT & VT circuits.

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. 217 for details)	
End Clamp (Refer Pg. 218 for details)	
Marking Tags (Refer Pg. 222 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 mm		
63.4 mm / 70.8 mm / 68.2 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
12 mm		
IEC60947-7-1	UL-1059	CSA22.2-158
1000 V	600 V	600 V
32 A	35 A	35 A
0.5 Nm	7 lb-in	7 lb-in



Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS4USC	50
CTS4USCUB	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	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 mm

63.4 mm / 70.8 mm / 68.2 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
CTS6USCUB	50
EPUSC	50
SP2.5/4UN	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K6WHT	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CTS10USC



10 x 52 mm

63.4 mm / 70.8 mm / 68.2 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

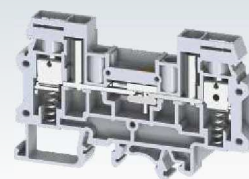


Polyamide 6,6 / 1

8 KV / 3

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

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

Type / Cat. No.	Imax	Standard Pack
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
CA604/4		100
CA604/3		100

Type / Cat. No.	Imax	Standard Pack
CA723/2	41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/10	41 A	50
CA604/1		100
CA604/2		100
CA604/5		100
CA604/3		100

Note:

For other accessories for CDS6U please refer page 49.

SPRING LOADED TERMINAL BLOCKS

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

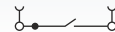
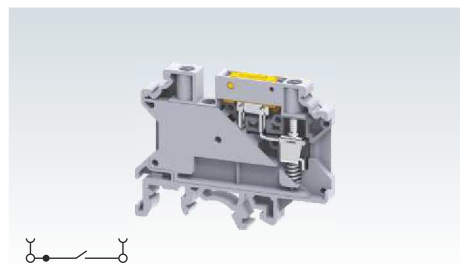
In CDTTUSC terminal the disconnection is achieved by means of a slide link operated with a screw driver.

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

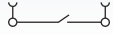
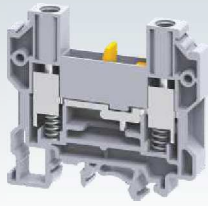
Width (Thickness) x Length		6 x 58.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.0 mm / 53.5 mm / 51.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm ²	24 - 10 AWG
	Solid	0.2 - 6.0 mm ²	
With 2 same size Conductors per clamp	with Ferrule / Lug	0.2 - 4.0 mm ²	24 - 10 AWG
	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 CSA22.2-158
Voltage		1000 V	600 V 600 V
Current		28 A	30 A 30 A
Torque		0.5 Nm	4.5 lb-in 4.5 lb-in
Approvals			
Insulation Material / Material Group		Polyamide 6,6 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	
		Type / Cat. No.	Standard Pack
Terminal Block		CKT4SPSC	50
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S	50 m
		CA701-15-1M / CA701-15-1M-S	25 m
End Clamp (Refer Pg. 218 for details)		CA702 / CA802	50
Marking Tags (Refer Pg. 222 for details)		CA509/K6WHT	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers		CA722/2	CA742/2	28 A	100
		CA722/3	CA742/3	28 A	100
		CA722/4	CA742/4	28 A	100
		CA722/10	CA742/10	28 A	10
External Jumpers			CA714/2	28 A	100
			CA714/3	28 A	100
			CA714/4	28 A	100
			CA714/10	28 A	20
Shorting Plug					

CKT4SPSC



CDTTUSC



8 x 63 mm

58.7 mm / 65.7 mm / 63.7 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	



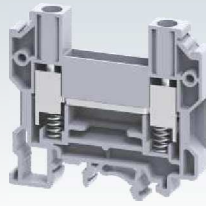
Polyamide 6,6 / 1

8 KV / 3

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

Type / Cat. No.	I _{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

CDTTUFTSC



8 x 63 mm

58.7 mm / 65.7 mm / 63.7 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
CDTTUFTSC	50
EPCDTTU	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA702 / CA802	50
CA509/K8WHT	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	I _{max}	Standard Pack
CA710/2	35 A	100
CA710/3	35 A	50
CA710/4	35 A	50
CA710/10	35 A	20

MICRO TERMINAL BLOCKS

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

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

Width (Thickness) x Length		6 x 27 mm			
Height with DIN 15 mm Rail		30.4 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm 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		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 IEC 60079-7			
Voltage		500 V		300 V	
Current		32 A		35 A	
Torque		0.5 Nm		7 lb-in	
Approvals					
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3			
		Type / Cat. No.		Standard Pack	
Terminal Block	Grey	CMT4		100	
	Blue	CMT4BU		100	
	Red	CMT4R		100	
	Yellow	CMT4Y		100	
	Black	CMT4BK		100	
	Green	CMT4GN		100	
Ground / Earth (Refer Pg. 28 for Details)		CGMT4		100	
End Plate		EPCMT4		50	
Partition Plate		PPCMT4		50	
Mounting Rail (Refer Pg. 217 for details)		CA601		50	
End Clamp (Refer Pg. 218 for details)		CA602		50	
Marking Tags (Refer Pg. 222 for details)		CA509/K2WHT		100	
Screw Driver		SCS0.6/3.5		Blade size: 0.6 x 3.5 mm	
				10	

Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers	2 pole	CA727/2	CA747/2	32 A	100
	3 pole	CA727/3	CA747/3	32 A	100
	4 pole	CA727/4	CA747/4	32 A	100
	10 pole	CA727/10	CA747/10	32 A	10
	100 pole				
Jumper Bar	2 pole	CA703/1		32 A	100
	3 pole	CA704/1		32 A	100
	4 pole	CA705/1		32 A	100
	10 pole	CA732/10		32 A	100
	10 pole (Breakable)	CA732/10-A		32 A	100
	100 pole	CA732/100		32 A	10
Short Sleeve & Screw for configurable jumper bar		CA607/S/Q			100
Switchable Jumpers		CA706/1		32 A	100
Long Sleeve & Screw for Switchable Jumpers		CA607/L/Q			100
External Jumpers	2 pole		CA714/2	25 A	100
	3 pole		CA714/3	25 A	100
	4 pole		CA714/4	25 A	100
	10 pole		CA714/10	25 A	20
Test Socket		CA707/TS/03			100

PANEL MOUNT TERMINAL BLOCK

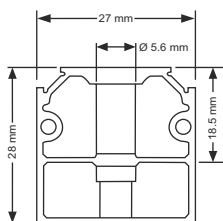
A perfect solution for extremely compact wiring applications, these Terminal Blocks are modular and can be stacked to form multi-pole Terminal Block assemblies. The stacked assemblies are fitted with mounting End Plates on both ends for easy installations.

M3 screw of desired length can be used for mounting.

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

Width (Thickness) x Length		6 x 27 mm			
Height		28.5 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm 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	
	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	IEC 60079-7
Voltage		500 V	300 V	300 V	440 V
Current		32 A	30 A	35 A	28 A
Torque		0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
Approvals		      			
Insulation Material / Material Group		Polyamide 6,6 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3			
		Type / Cat. No.		Standard Pack	
Terminal Block	Grey	CMB4		100	
	Blue	CMB4BU		100	
	Red	CMB4R		100	
	Yellow	CMB4Y		100	
	Black	CMB4BK		100	
	Green	CMB4GN		100	
	Orange	CMB4O		100	
	White	CMB4W		100	
End Plate		EPCMB4		50	
Separator Plate		SPCMB4		50	
Marking Tags (Refer Pg. 222 for details)		CA509/K2WHT		100	
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10	

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



End Plate



Jumpers		Uninsulated	Insulated	Imax	Standard Pack
Screw Type Jumpers	2 pole	CA727/2	CA747/2	32 A	100
	3 pole	CA727/3	CA747/3	32 A	100
	4 pole	CA727/4	CA747/4	32 A	100
	10 pole	CA727/10	CA747/10	32 A	10
	100 pole				
Jumper Bar	2 pole	CA703/1		32 A	100
	3 pole	CA704/1		32 A	100
	4 pole	CA705/1		32 A	100
	10 pole	CA732/10		32 A	100
	10 pole (Breakable)	CA732/10-A		32 A	100
	100 pole	CA732/100		32 A	10
Short Sleeve & Screw for configurable jumper bar		CA607/S/Q		100	
External Jumpers	2 pole		CA714/2	25 A	100
	3 pole		CA714/3	25 A	100
	4 pole		CA714/4	25 A	100
	10 pole		CA714/10	25 A	20
Test Socket		CA707/TS/01		100	

THERMOCOUPLE TERMINAL BLOCKS

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

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

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

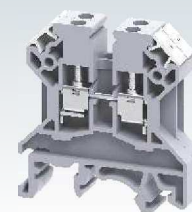
'K' type - Chromel (Ni/Cr), Alumel (Ni/Al)

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

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

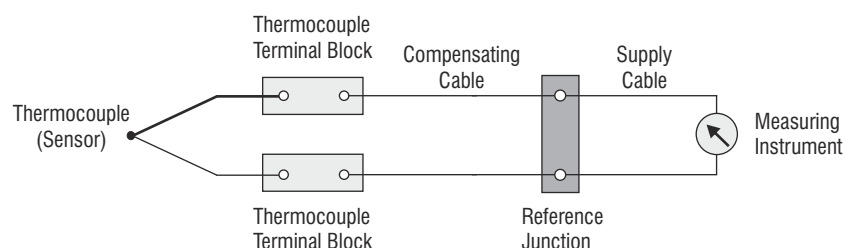
'E' type - Chromel (Ni/Cr), Constantan (Cu/Ni)

CTT2.5U



Width (Thickness) x Length	10 x 43 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	46.2 mm / 53.7 mm / 51.1 mm		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm 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	8 mm		
Ratings As Per	IEC60947-7-1		
Voltage	1000 V		
Current	10 A		
Torque	0.4 Nm		
Approvals	  		
Insulation Material / Material Group	Polyamide 6,6 / 1		
Rated Impulse Voltage / Pollution Degree	4 KV / 3		
Terminal Block	Type / Cat. No.	Suitable for Thermocouple Wire	Standard Pack
	CTT2.5UK	K Type	50
	CTT2.5UJ	J Type	50
	CTT2.5UT	T Type	50
	CTT2.5UE	E Type	50
End Plate	EP2.5/4UN		50
Partition Plate	PP2.5/4UN		50
Separator Plate	SP2.5/4UN		100
Mounting Rail (Refer Pg. 217 for details)	CA701-1M / CA701-1M-S		50 m
	CA701-15-1M / CA701-15-1M-S		25 m
End Clamp (Refer Pg. 218 for details)	CA702 / CA802		50
Marking Tags (Refer Pg. 222 for details)	CA509/K5WHT		100
Screw Driver	SCS0.5/3	Blade size: 0.5 x 3.0 mm	10

Typical Temperature Measuring circuit



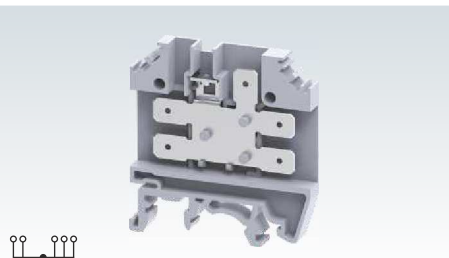
TAB CONNECTION TERMINAL BLOCKS

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

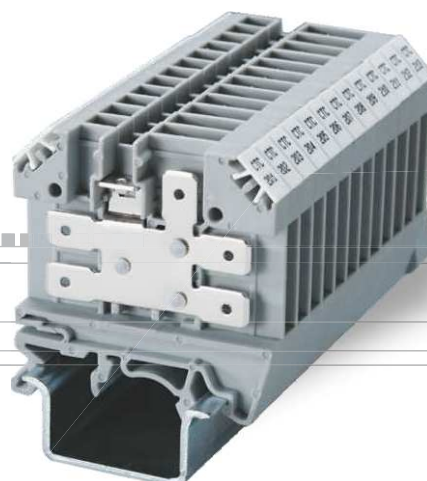
The connection is achieved by pushing the lug / ferrule onto the tab blade of the Terminal Block.



CTC4U



Width (Thickness) x Length		6 x 47 mm				
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		51.2 mm / 58.8 mm / 56.3 mm				
Connection Possibility as per		IEC		UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	0.2 - 4.0 mm 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				
		Type / Cat. No.		Standard Pack		
Terminal Block		CTC4U		100		
End Plate		EPCTC4U		50		
Mounting Rail (Refer Pg. 217 for details)		CA701-1M / CA701-1M-S		50 m		
		CA701-15-1M / CA701-15-1M-S		25 m		
End Clamp (Refer Pg. 218 for details)		CA702 / CA802		50		
Marking Tags (Refer Pg. 222 for details)		CA509/K6WHT		100		
Jumpers		Imax		Standard Pack		
Permanent Jumpers		2 pole		CA703/1	32 A	100
		3 pole		CA704/1	32 A	100
		4 pole		CA705/1	32 A	100
		10 pole		CA732/10	32 A	100
		100 pole		CA732/100	32 A	10
Short Sleeve & Screw for Permanent Jumpers				CA807/S/Q/01		100
Test Socket				CA707/TS/01		100



TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

The following Standard Active Terminal Blocks are available:

Diode / Resistor Terminal Blocks

Terminal Blocks with Light Indication

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

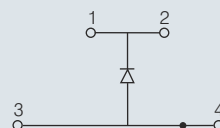
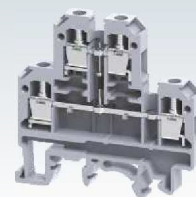
CDL4USP - Spacers can be used for covering custom electronic components, which may protrude from the CDL4U(O) Terminal Block.

Width (Thickness) x Length	6 x 55.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	55.7 mm / 63.1 mm / 60.3 mm			
Connection Possibility as per	IEC	UL - CSA		
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm 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			

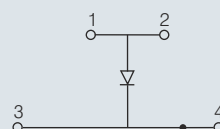
	Type / Cat. No.	Standard Pack
End Plate 	EPCDL4U	50
Spacer 	CDL4USP	50
Mounting Rail (Refer Pg. 217 for details) 	CA701-1M / CA701-1M-S	50 m
	CA701-15-1M / CA701-15-1M-S	25 m
Marking Tags (Refer Pg. 222 for details) 	CA509/K2WHT	100
Screw Driver 	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Jumpers		Type / Cat. No.	Imax	Standard Pack	
Screw Type Jumpers		2 pole	CA703/1	32 A	100
		3 pole	CA704/1	32 A	100
		4 pole	CA705/1	32 A	100
		10 pole	CA732/10	32 A	100
Short Sleeve & Screw for configurable jumper bar		CA607/S/Q		100	

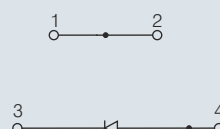
Part No.	Application	Std. Pack
CDL4UED1	Arc suppression circuit for contactors & solenoid valves - D.C	100



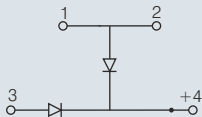
Part No.	Application	Std. Pack
CDL4UED2	Arc suppression circuit for contactors & solenoid valves - D.C	100



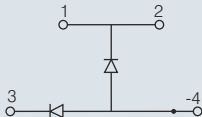
Part No.	Application	Std. Pack
CDL4UED3	Diode circuit for reverse polarity protection	100



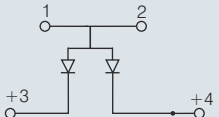
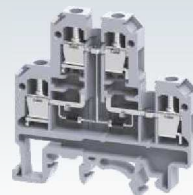
Part No.	Application	Std. Pack
CDL4UEDD1	Diode circuit for lamp testing	100



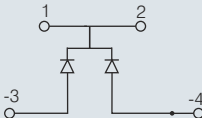
Part No.	Application	Std. Pack
CDL4UEDD2	Diode circuit for lamp testing	100



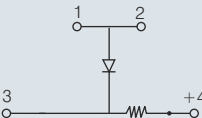
Part No.	Application	Std. Pack
CDL4UEDD3	Diode circuit for lamp testing	100



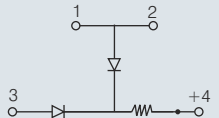
Part No.	Application	Std. Pack
CDL4UEDD4	Diode circuit for lamp testing	100



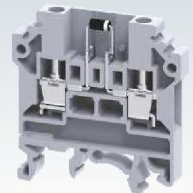
Part No.	Application	Std. Pack
CDL4UED4	Diode circuit for lamp testing with LED series resistance	100



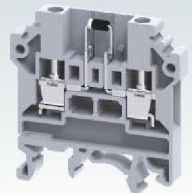
Part No.	Application	Std. Pack
CDL4UEDD5	Diode circuit for lamp testing with LED series resistance	100



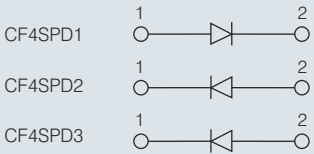
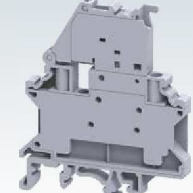
Part No.	Application	Std. Pack
CKT4UD1	Arc suppression circuit for contactors & solenoid valves - D.C	100



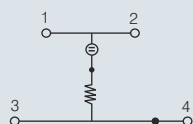
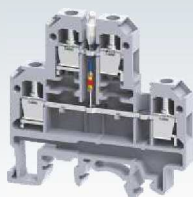
Part No.	Application	Std. Pack
CKT4UD2	Arc suppression circuit for contactors & solenoid valves - D.C	100



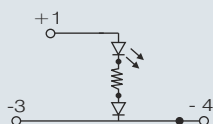
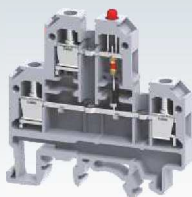
Part No.	Diode Type	Std. Pack
CF4SPD1	1N4007	50
CF4SPD2	1N5408	50
CF4SPD3	1N5820	50



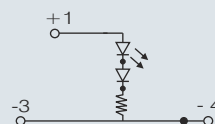
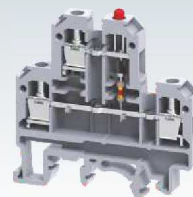
Part No.	Application	Std. Pack
CDL4UEN1	AC Voltage indicator with Neon lamp	100



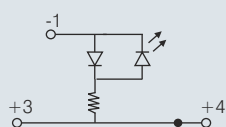
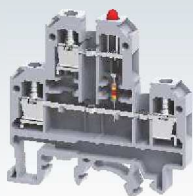
Part No.	Application	Std. Pack
CDL4UELD5	AC Voltage indicator with LED	100



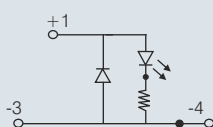
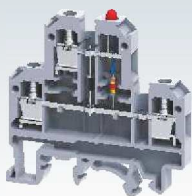
Part No.	Application	Std. Pack
CDL4UELD3	AC Voltage indicator with LED	100



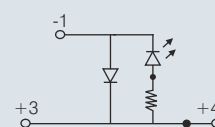
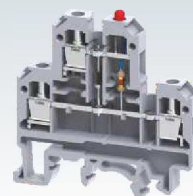
Part No.	Application	Std. Pack
CDL4UELD4	AC Voltage indicator with LED	100



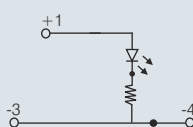
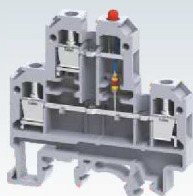
Part No.	Application	Std. Pack
CDL4UELD1	DC Voltage indicator with LED	100



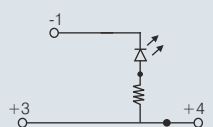
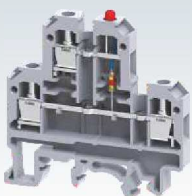
Part No.	Application	Std. Pack
CDL4UELD2	DC Voltage indicator with LED	100



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



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



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

