

STANDARD FEED THROUGH TERMINAL BLOCKS

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

The terminals with  approval can be used in potentially explosive atmosphere. For detailed information refer page 157.

COLOUR BLOCKS

(other than grey standard)

When ordering please add colour suffix to Cat. No.

Example: CTS2.5UNR

Colour		Ordering Suffix
Blue		BU
Black		BK
Orange		O
Red		R
Green		GN
Yellow		Y
White		W
Beige		BG

Width (Thickness) x Length

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

Connection Possibility as per

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

Wire Stripping Length

Ratings As Per

Voltage

Current

Torque

Approvals

Insulation Material / Comparative Tracking Index

Rated Impulse Voltage / Pollution Degree

Terminal Block

End Plate



Partition Plate



Separator Plate



Mounting Rail (Refer Pg. 136 for details)



End Clamp (Refer Pg. 137 for details)



Pre Assembled Shorting Links

2 pole
3 pole
4 pole
10 pole
100 pole



Insulated Pre Assembled Shorting Link

2 pole
3 pole
4 pole
10 pole
100 pole



Permanent Shorting Links

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



Short Sleeve & Screw for Permanent Shorting Links



Switchable Shorting Links



Long Sleeve & Screw for Switchable Shorting Links



Insulated External Shorting Links

2 pole
3 pole
4 pole
10 pole



Test Socket



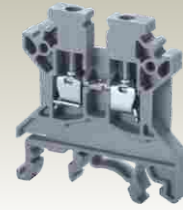
Marking Tags (Refer Pg. 139 for details)



Screw Driver



CTS2.5UN



5 x 43 mm

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 1.5 mm ²	22 - 16 AWG
0.25 - 1.5 mm ²	22 - 16 AWG

9 mm

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

1000 V 600 V 600 V 630 V

24 A 25 A 25 A 21 A

0.4 Nm 7 lb-in 7 lb-in 0.4 Nm

     AEx ell Ex ell

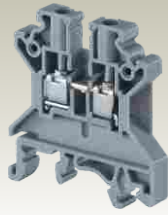
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS2.5UN	100
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA721/2	Imax.: 24 A 100
CA721/3	24 A 100
CA721/4	24 A 100
CA721/10	24 A 10
CA721/100	24 A 10
CA741/2	Imax.: 24 A 100
CA741/3	24 A 100
CA741/4	24 A 100
CA741/10	24 A 10
CA741/100	24 A 10
CA703/01	Imax.: 24 A 100
CA704/01	24 A 100
CA705/01	24 A 100
CA731/10	24 A 100
CA731/100	24 A 10
CA707/S/Q/01	100
CA706/01	Imax.: 24 A 100
CA707/L/Q/01	100
CA717/2	Imax.: 24 A 100
CA717/3	24 A 100
CA717/4	24 A 100
CA717/10	24 A 20
CA707/TS/01	100
CA509/K5	100
SCS0.5/3	Blade size: 0.5 x 3.0 mm 10

¹ UL approval expected in July 2011

CTS2.5UE



6 x 43 mm

46.2 mm / 53.7 mm / 51.1 mm

IEC	UL - CSA
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 6.0 mm ²	22 - 8 AWG
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 2.5 mm ²	22 - 12 AWG

9 mm

IEC60947-7-1 UL-1059

1000 V	600 V		
24 A	30 A		
0.4 Nm	7 lb-in		

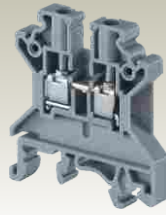


Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS2.5UE	100
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA722/2 I _{max.} : 32 A	100
CA722/3 32 A	100
CA722/4 32 A	100
CA722/10 32 A	10
CA722/100 32 A	10
CA742/2 I _{max.} : 32 A	100
CA742/3 32 A	100
CA742/4 32 A	100
CA742/10 32 A	10
CA742/100 32 A	10
CA703/1 I _{max.} : 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 I _{max.} : 32 A	100
CA707/L/Q/01	100
CA714/2 I _{max.} : 32 A	100
CA714/3 32 A	100
CA714/4 32 A	100
CA714/10 32 A	20
CA707/TS/01	100
CA509/K6	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
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 6.0 mm ²	22 - 8 AWG
0.25 - 4.0 mm ²	22 - 10 AWG
0.25 - 2.5 mm ²	22 - 12 AWG
0.25 - 2.5 mm ²	22 - 12 AWG

9 mm

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

1000 V	600 V	600 V	630 V
32 A	40 A*	40 A*	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm

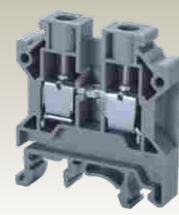


Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS4UN	100
EP2.5/4UN	50
PP2.5/4UN	50
SP2.5/4UN	100
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA722/2 I _{max.} : 32 A	100
CA722/3 32 A	100
CA722/4 32 A	100
CA722/10 32 A	10
CA722/100 32 A	10
CA742/2 I _{max.} : 32 A	100
CA742/3 32 A	100
CA742/4 32 A	100
CA742/10 32 A	10
CA742/100 32 A	10
CA703/1 I _{max.} : 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 I _{max.} : 32 A	100
CA707/L/Q/01	100
CA714/2 I _{max.} : 32 A	100
CA714/3 32 A	100
CA714/4 32 A	100
CA714/10 32 A	20
CA707/TS/01	100
CA509/K6	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 - 10.0 mm ²	22 - 6 AWG
0.5 - 6.0 mm ²	22 - 8 AWG
0.5 - 4.0 mm ²	22 - 10 AWG
0.5 - 4.0 mm ²	22 - 10 AWG

9 mm

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

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



Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS6U	100
EP6/10U	50
PP6/10U	50
SP6/10U	100
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA723/2 I _{max.} : 41 A	100
CA723/3 41 A	50
CA723/4 41 A	50
CA723/10 41 A	10
CA743/2 I _{max.} : 41 A	100
CA743/3 41 A	50
CA743/4 41 A	50
CA743/10 41 A	10
CA703/2 I _{max.} : 41 A	100
CA704/2 41 A	100
CA705/2 41 A	100
CA733/10 41 A	100
CA707/S/Q/01	100
CA706/2 I _{max.} : 41 A	100
CA707/L/Q/01	100
CA710/2 I _{max.} : 41 A	100
CA710/3 41 A	100
CA710/4 41 A	100
CA710/10 41 A	20
CA707/TS/05	100
CA509/K8	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

* 40 Amp with two 12 AWG wires & 35 Amp with one 10 AWG wire

* UL approval expected in December 2011

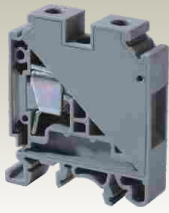
STANDARD

FEED THROUGH

TERMINAL BLOCKS

Width (Thickness) x Length		10 x 43 mm				12 x 43 mm					
Height with DIN 35 x 7.5 / 35 x 15 / 32 x 15 mm Rail		47.8 mm / 55.5 mm / 52.8 mm				47.8 mm / 55.5 mm / 52.8 mm					
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA			
With 1 Conductor per clamp	Stranded / Flexible	0.5 - 10.0 mm ²		16 - 6 AWG		0.25 - 16.0 mm ²		20 - 4 AWG			
	Solid	0.5 - 16.0 mm ²									
	with Ferrule / Lug	0.5 - 10.0 mm ²		16 - 6 AWG		0.25 - 16.0 mm ²		20 - 4 AWG			
With 2 same size Conductors per clamp	Stranded / Flexible	0.5 - 6.0 mm ²		16 - 10 AWG		0.25 - 10.0 mm ²		20 - 8 AWG			
	with TWIN Ferrule / Lug	0.5 - 6.0 mm ²		16 - 10 AWG		0.25 - 10.0 mm ²		20 - 8 AWG			
Wire Stripping Length		12 mm				16 mm					
Ratings As Per		IEC60947-7-1		UL-1059	CSA22.2-158	IEC 60079-7	IEC60947-7-1		UL-1059	CSA22.2-158	IEC 60079-7
Voltage		1000 V		600 V	600 V	630 V	1000 V		600 V	600 V	630 V
Current		57 A		65 A	65 A	50 A	76 A		85 A	70 A	66 A
Torque		1.2 Nm		14 lb-in	14 lb-in	1.2 Nm	1.2 Nm		14 lb-in	14 lb-in	1.2 Nm
Approvals											
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1					
Rated Impulse Voltage / Pollution Degree		8 KV / 3				8 KV / 3					
		Type / Cat. No.		Standard Pack		Type / Cat. No.		Standard Pack			
Terminal Block		CTS10U		100		CTS16U		50			
End Plate		EP6/10U		50							
Partition Plate		PP6/10U		50							
Separator Plate		SP6/10U		100		SP6/10U		100			
Mounting Rail (Refer Pg. 136 for details)		CA701		50 m		CA701		50 m			
		CA701-15		50 m		CA701-15		50 m			
		CA501		50 m		CA501		50 m			
		CA702		50		CA702		50			
End Clamp (Refer Pg. 137 for details)		CA802		50		CA802		50			
	2 pole	CA724/2		Imax.: 57 A	100	CA751/2		Imax.: 76 A	100		
Pre Assembled Shorting Links	3 pole	CA724/3		57 A	50	CA751/3		76 A	50		
	4 pole	CA724/4		57 A	50	CA751/4		76 A	50		
	10 pole	CA724/10		57 A	10	CA751/10		76 A	10		
		CA744/2		Imax.: 57 A	100	CA761/2		Imax.: 76 A	100		
Insulated Pre Assembled Shorting Link	3 pole	CA744/3		57 A	50	CA761/3		76 A	50		
	4 pole	CA744/4		57 A	50	CA761/4		76 A	50		
	10 pole	CA744/10		57 A	10	CA761/10		76 A	10		
		CA703/3		Imax.: 57 A	100	CA703/8		Imax.: 76 A	100		
Permanent Shorting Links	3 pole	CA704/3		57 A	100	CA704/8		76 A	100		
	4 pole	CA705/3		57 A	100	CA705/8		76 A	100		
	10 pole	CA734/10		57 A	100	CA739/10		76 A	100		
		CA707/S/Q/1		100		CA707/S/Q/1		100			
Short Sleeve & Screw for Permanent Shorting Links		CA706/3		Imax.: 57 A	100						
Switchable Shorting Links		CA707/L/Q/1		100							
Long Sleeve & Screw for Switchable Shorting Links		CA718/2		Imax.: 57 A	100						
Insulated External Shorting Links	2 pole	CA718/3		57 A	50						
	3 pole	CA718/4		57 A	50						
	4 pole	CA718/10		57 A	20						
	10 pole	CA707/TS/05		100		CA707/TS/05		100			
Test Socket		CA509/K10		100		CA509/K12		100			
Marking Tags (Refer Pg. 139 for details)		SCS0.8/4		Blade size: 0.8 x 4 mm	10	SCS1.0/5.5		Blade size: 1.0 x 5.5 mm	10		
Screw Driver											

CTS25UN



12 x 49 mm

57.2 mm / 64.7 mm / 62.3 mm

IEC	UL - CSA
4.0 - 25.0 mm ²	12 - 4 AWG
4.0 - 25.0 mm ²	12 - 4 AWG
4.0 - 16 mm ²	12 - 6 AWG
4.0 - 10 mm ²	12 - 8 AWG

18 mm

IEC60947-7-1 UL-1059

1000 V	600 V		
101 A	85 A		
2.0 Nm	18 lb-in		



Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS25UN	50
PP25UN	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA725/2 I _{max.} : 101 A	50
CA725/3 101 A	20
CA725/4 101 A	20
CA725/10 101 A	10
CA745/2 I _{max.} : 101 A	50
CA745/3 101 A	20
CA745/4 101 A	20
CA745/10 101 A	10
CA703/4 I _{max.} : 101 A	100
CA704/4 101 A	100
CA705/4 101 A	100
CA735/10 101 A	100
CA707/S/Q/2	100
CA707/TS/06	100
CA509/K12	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

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 - 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

18 mm

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

1100 V	600 V	600 V	
125 A	130 A	130 A	
2.5 Nm	25 lb-in	25 lb-in	

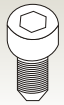
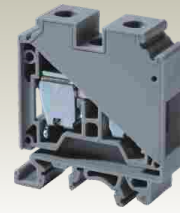


Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS35UN	50
PP35UN	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA771/2 I _{max.} : 125 A	50
CA771/3 125 A	20
CA771/4 125 A	20
CA771/10 125 A	10
CA781/2 I _{max.} : 125 A	50
CA781/3 125 A	20
CA781/4 125 A	20
CA781/10 125 A	10
CA703/10 I _{max.} : 125 A	100
CA704/10 125 A	100
CA705/10 125 A	100
CA770/10 125 A	100
CA707/S/Q/2	100
CA707/TS/06	100
CA509/K16	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

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

18 mm

IEC60947-7-1

1100 V			
125 A			
2.5 Nm			



Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS35UNA	50
PP35UN	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA771/2 I _{max.} : 125 A	50
CA771/3 125 A	20
CA771/4 125 A	20
CA771/10 125 A	10
CA781/2 I _{max.} : 125 A	50
CA781/3 125 A	20
CA781/4 125 A	20
CA781/10 125 A	10
CA703/10 I _{max.} : 125 A	100
CA704/10 125 A	100
CA705/10 125 A	100
CA770/10 125 A	100
CA707/S/Q/2	100
CA707/TS/06	100
CA509/K16	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

¹ UL approval expected in July 2011

STANDARD FEED THROUGH TERMINAL BLOCKS

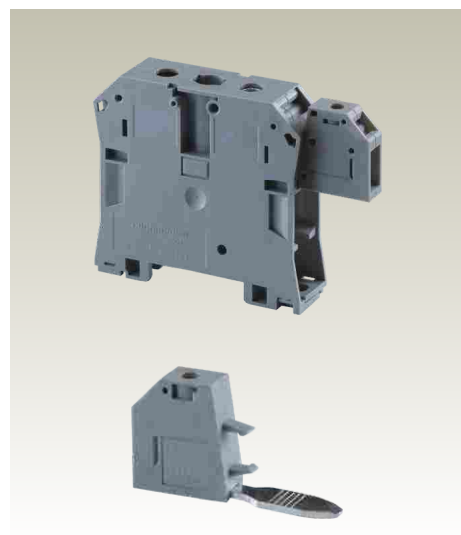
Width (Thickness) x Length	
Height with DIN 35 x 7.5 / 35 x 15 / 32 x 15 mm Rail	
Connection Possibility as per	
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug
With 2 same size Conductors per clamp	Stranded / Flexible
Wire Stripping Length	
Ratings As Per	
Voltage	
Current	
Torque	
Approvals	
Insulation Material / Comparative Tracking Index	
Rated Impulse Voltage / Pollution Degree	
Terminal Block	
Auxiliary / Pick Off Terminal	
Mounting Rail (Refer Pg. 136 for details)	
End Clamp (Refer Pg. 137 for details)	
Shorting Link System	2 pole  3 pole 
Marking Tags (Refer Pg. 139 for details)	

CTS50U			
			
20.5 x 71 mm			
76.8 mm / 83.8 mm / 82.0 mm			
IEC		UL - CSA	
16.0 - 50.0 mm²		6 - 2/0 AWG	
16.0 - 50.0 mm²		6 - 2/0 AWG	
16.0 - 35.0 mm²		6 - 2 AWG	
22 mm			
IEC60947-7-1		UL-1059	CSA22.2-158
1600 V	600 V	600 V	
150 A	150 A	150 A	
6.8 Nm	60 lb-in	60 lb-in	
			
Polyamide 66 / 1			
8 KV / 3			
Type / Cat. No.			Standard Pack
CTS50U			20
CA701			50 m
CA701-15			50 m
CA501			50 m
CA202			50
CA102			50
CA509/K20			100

CTS50/70N			
			
20.5 x 77.3 mm			
71.1 mm / 78.1 mm			
IEC		UL - CSA	
10.0 - 70.0 mm²		8 - 2/0 AWG	
10.0 - 70.0 mm²		8 - 2/0 AWG	
10.0 - 35.0 mm²		8 - 2 AWG	
18 mm			
IEC60947-7-1		UL-1059	
1600 V	1000 V		
192 A	160 A		
3.0 Nm	35 lb-in		
			
Polyamide 66 / 1			
8 KV / 3			
Type / Cat. No.		Standard Pack	
CTS50/70N		20	
AUX6		10	
CA701		50 m	
CA701-15		50 m	
CA202		50	
CA102		50	
CA628/2	I _{max} : 192 A	10	
CA628/3	192 A	10	
CA509/K16		100	

² UL approval expected in December 2011

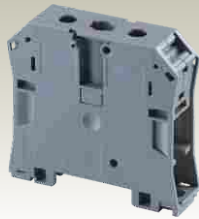
AUX6 (Auxiliary Terminal Block)



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 clamp	Stranded / Flexible	0.5 - 6.0 mm ²	22 - 8 AWG	
	Solid	0.5 - 10.0 mm ²	22 - 6 AWG	
	with Ferrule / Lug	0.5 - 6.0 mm ²	22 - 8 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.5 - 4.0 mm ²	22 - 10 AWG	
	with TWIN Ferrule / Lug	0.5 - 4.0 mm ²	22 - 10 AWG	
Ratings As Per	IEC60947-7-1	IEC 60079-7	UL-1059	CSA22.2-158
Voltage	1000 V	630 V	600 V	600 V
Current	41 A	36 A	50 A	50 A
Torque	0.8 Nm	0.8 Nm	14 lb-in	14 lb-in
Type / Cat. No.	Standard Pack		Suitable For	
Auxiliary Terminal	AUX6	10	CTS50/70N CTS50/70NA CTS95/120N	
Marking Tag	CA509/K8	100	AUX6	

CTS50/70NA



With Allen screw

20.5 x 77.3 mm

71.1 mm / 78.1 mm

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

18 mm

IEC60947-7-1 UL-1059

1600 V	1000 V		
192 A	160 A		
3.0 Nm	35 lb-in		



Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS50/70NA	20
AUX6	10
CA701	50 m
CA701-15	50 m
CA202	50
CA102	50
CA628/2	Imax.: 192 A
CA628/3	192 A
CA509/K16	100

CTS95U



With Allen screw

25 x 83 mm

91.0 mm / 98.3 mm / 97.3 mm

IEC	UL - CSA
25.0 - 95.0 mm ²	2 - 4/0 AWG
25.0 - 95.0 mm ²	2 - 4/0 AWG
25.0 - 70.0 mm ²	2 - 2/0 AWG

24 mm

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

2000 V	600 V	600 V	
192 A	230 A	230 A	
10 Nm	160 lb-in	160 lb-in	



Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS95U	10
CA701	50 m
CA701-15	50 m
CA501	50 m
CA202	50
CA102	50
CA509/K25	100

CTS95/120N



With Allen screw

27 x 84.5 mm

83.0 mm / 90.5 mm

IEC	UL - CSA
25.0 - 120.0 mm ²	4 - 250 kcmil
25.0 - 120.0 mm ²	4 - 250 kcmil
25.0 - 70 mm ²	4 - 2/0 AWG

24 mm

IEC60947-7-1 UL-1059

2000 V	1000 V		
269 A	240 A		
6.0 Nm	90 lb-in		



Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CTS95/120N	10
AUX6	10
CA701	50 m
CA701-15	50 m
CA202	50
CA102	50
CA629/2	Imax.: 269 A
CA629/3	269 A
CA509/K16	100

² UL approval expected in December 2011