

Feed-Through & Multi-Connection Spring Clamp

FEED-THROUGH

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35 mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



Terminal Width

5 mm

Height x Length

36 x 58 mm

Stripping Length

11 mm

Insulation Material

Polyamide 6.6

Type of Connection

2 spring clamps & 2 slots for interconnection

MULTI-CONNECTION

Altech Multiple connection Spring Clamp terminals offer a reliable solution for problems posed by multiple voltage connections. The terminal eliminates conventional method of cross connection / looping, saving additional space.

The terminals provide of further multiplication connections through bridging. The Multiple Connection Terminal Blocks can even be bridged to Standard Feed Through Spring Clamp Terminal Block of respective wire size (CSC2.5T / CSC4T / CSC6T).

Approvals	CSC2.5T			CSC4T			CSC6T		
Wire Range	22-12 AWG	0.2-2.5 sq.mm	22-12 AWG	22-12AWG	0.2-4 sq.mm	22-12 AWG	22-8AWG	0.2-6sq.mm	22-8AWG
Voltage Rating	600 V	800 V	600 V	600 V	800 V	600 V	600 V	800 V	600 V
Current Rating	25 A	24 A	25 A	25 A	32 A	25 A	50 A	41 A	50 A
Other Approvals									

Terminal Block	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CSC2.5T	CSC2.5T	100	CSC4T	100	CSC6T	50
End Plate	EPCSC2.5T	50	EPCSC4T	50	EPSC6T	50
Partition Plate	PPCSC2.5T	50	PPCSC4T	50	PPCSC6T	50
DIN Rail for ordering information refer to pages 90-91						
End Stop for ordering information refer to page 92	CA103 CA702 CA802	50 50 50	CA103 CA702 CA802	50 50 50	CA103 CA702 CA802	50 50 50
Jumpers Adjacent Alternate	CA801/1 CA801/1-3	100 100	CA801/2 CA801/2-3	100 100	CA801/3 CA801/3-3	100 100
Push in type wire jumper	CA901/1	100	CA901/2	100	CA901/3	100
Marking Tags	MT5	100	MT6	100	MT8	100

COLOR BLOCKS

(other than standard grey)

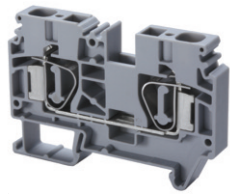
When ordering please add color suffix to Cat. No.

Example for color Red: Cat.No./R

Color	Ordering Suffix
Red	R
Yellow	Y
Blue	BU
Green	G

Consult Altech for availability:

Orange	O
Beige	BG
Dark Brown	DB
Black	BL
White	W

CSC10T


10 mm

50 x 75 mm

18 mm

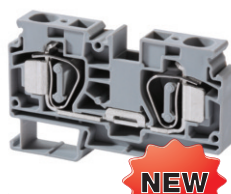
Polyamide 6.6

2 spring clamps & 2 slots for interconnection

1.5-10sq.mm	16-4AWG
800 V	600 V
57 A	65 A



Cat. No.	Std. Pk.
CSC10T	50
EPCSC10T	50

CSC16T


12 mm

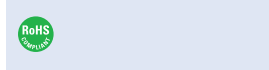
45 x 72 mm

20 mm

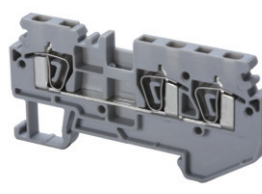
Polyamide 6.6

2 spring clamps & 2 slots for interconnection

1.5-16sq.mm	16-4AWG
800 V	600 V
76 A	85A



Cat. No.	Std. Pk.
CSC16T	50
EPCSC16T	50

CSC2.5T1-2


5 mm

36 x 74 mm

11 mm

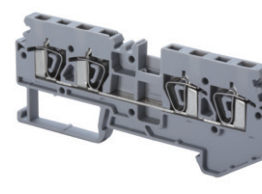
Polyamide 6.6

3 spring clamps & 2 slots for interconnection

22-12AWG	0.2-2.5sq.mm
600 V	800 V
25 A	24 A



Cat. No.	Std. Pk.
CSC2.5T1-2	100
EPCSC2.5T1-2	50

CSC2.5T2-2


5 mm

36 x 90 mm

11 mm

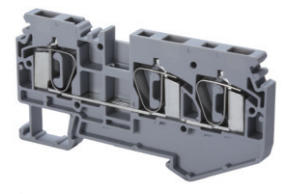
Polyamide 6.6

4 spring clamps & 2 slots for interconnection

22-12AWG	0.2-2.5sq.mm
600 V	800 V
25 A	24 A



Cat. No.	Std. Pk.
CSC2.5T2-2	50
EPCSC2.5T2-2	50

CSC4T1-2


6 mm

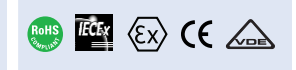
42 x 85 mm

15 mm

Polyamide 6.6

3 spring clamps & 2 slots for interconnection

22-12AWG	0.2-4sq.mm
600 V	800 V
25 A	32 A



Cat. No.	Std. Pk.
CSC4T1-2	50
EPCSC4T1-2	50



CA103	50
CA702	50
CA802	50

CA801/4	100
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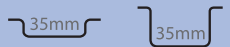
MT10	100
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CA103	50
CA702	50
CA802	50

CA801/5	100
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MT12	100
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CA103	50
CA702	50
CA802	50

CA801/1	100
---------	-----

CA901/1	100
---------	-----

MT5	100
-----	-----



CA103	50
CA702	50
CA802	50

CA801/1	100
---------	-----

CA901/1	100
---------	-----

MT5	100
-----	-----



CA702	50
CA802	50
CA103	50

CA801/2	100
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CA901/2	100
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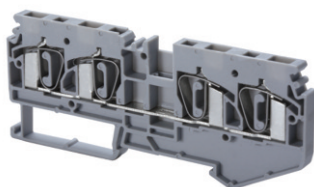
MT6	100
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① UL recognition in progress.

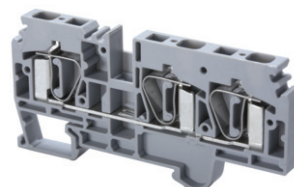
Feed-Through & Multi-Connection Spring Clamp



CSC4T2-2



CSC6T1-2



Terminal Width

6 mm

8 mm

Height x Length

42 x 105 mm

45 x 94 mm

Stripping Length

15 mm

15 mm

Insulation Material

Polyamide 6.6

Polyamide 6.6

Type of Connection

4 spring clamps & 2 slots for interconnection

3 spring clamps & 2 slots for interconnection

Approvals



Wire Range

22-12 AWG

0.2-4 sq.mm

22-12 AWG

22-8 AWG

0.2-6 sq.mm

22-8 AWG

Voltage Rating

600 V

800 V

600 V

600 V

800 V

600 V

Current Rating

25 A

32 A

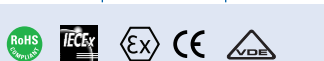
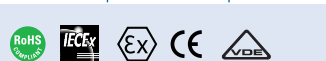
25 A

50 A

41 A

50 A

Other Approvals



Terminal Block

End Plate



DIN Rail
for ordering information
refer to pages 90-91

End Stop
for ordering information
refer to page 92



Jumpers Adjacent
Alternate



Push in type
wire jumper



Marking Tags



Cat. No. Std. Pk.

CSC4T2-2

50

EPCSC4T2-2

50



CA103
CA702
CA802

50
50
50

CA801/2
CA801/2-3

100
100

CA901/2

100

MT6

100

Cat. No. Std. Pk.

CSC6T1-2

50

EPCSC6T1-2

50



CA103
CA702
CA802

50
50
50

CA801/3
CA801/3-3

100
100

CA901/3

100

MT8

100

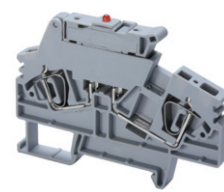
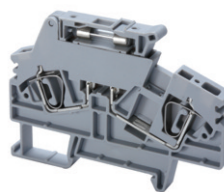
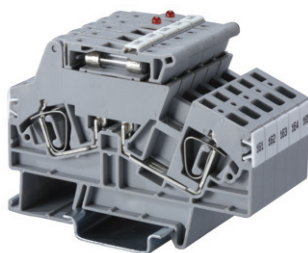
Altech offers 'Screwless' Spring Clamp Fuse Terminal Blocks.

The terminal has a moving type hinged carrier that has specially designed space for cartridge type glass fuse of size Ø 5 x 20 or Ø 5 x 25 mm. The fuse can be engaged or disengaged by the movement of the carrier.

Cross connection is possible with specially designed push-in type jumpers.

ASF4(L) is used for offline indication in case of a fuse blowout.

Fuse Spring Clamp, 5 x 20 and 5 x 25mm



Terminal Width	8 mm	8 mm
Height x Length	60 x 86 mm	60 x 86 mm
Stripping Length	16 mm	16 mm
Insulation Material	Polyamide 6.6	Polyamide 6.6
Type of Connection	2 spring clamps & 2 slots for interconnection	2 spring clamps & 2 slots for interconnection
Type of fuse used	Ø5x20, Ø5x25 mm	Ø5x20, Ø5x25 mm
LED Voltage		24V AC/DC, 48V AC/DC 110V AC/DC, 220V AC
Approvals		
Wire Range	22-10 AWG	22-10 AWG
Voltage Rating	600 V	600 V
Current Rating	6.3 A	6.3 A
Other Approvals		

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block	ASF4	100	ASF4(L)*	100
End Plate	EPASF4	50	EPASF4	50
DIN Rail for ordering information refer to pages 90-91				
End Stop for ordering information refer to page 92	CA103 CA702 CA802	50 50 50	CA103 CA702 CA802	50 50 50
Insulated Jumper (2 pole)	CA801/7	100	CA801/7	100
Marking Tags	MT8	100	MT8	100

COLOR BLOCKS (other than standard grey)		
When ordering please add color suffix to Cat. No.		
Example for color Red: Cat.No./R		
Color	Ordering Suffix	
Red	R	
Yellow	Y	
Blue	BU	
Green	G	
Consult Altech for availability:		
Orange	O	
Beige	BG	
Dark Brown	DB	
Black	BL	
White	W	

* Add required voltage to part number as a suffix. i.e. ASF4(L)/24 for 24V AC/DC.

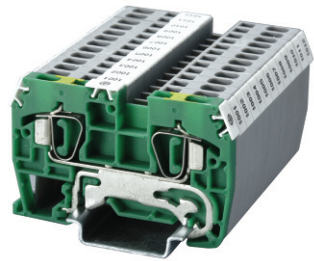
Ground Spring Clamp

Altech offers ‘Screwless’ Spring Clamp Ground Terminal Blocks. Specially designed alloy feet helps in achieving very low contact resistance and vibration proof grounding.

CSCG series terminals can be mounted on Din 35 rail along with other terminal blocks of CSC series. The terminal block profile matches with that of CSC terminal block of same wire size.

Special features of CSCG terminal blocks are:

- Vibration proof grounding
- Very low contact resistance because of special alloy feet
- Drop-on grounding connection
- Spring clamp to accept solid and stranded wire



Terminal Width
Height x Length
Stripping Length
Insulation Material
Type of Connection
Approvals
Wire Range
Voltage Rating
Current Rating
Other Approvals

Terminal Block

DIN Rail
for ordering information
refer to pages 90-91

Marking Tags

CSCG2.5T

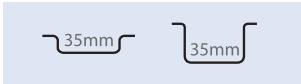


5 mm		
36 x 58 mm		
15 mm		
Polyamide 6.6		
2 spring clamp connection, grounding through alloy feet		
 C SP US	 60947-7-2	 C SP US E220514
22-14 AWG	0.2-2.5 sq.mm	22-12 AWG
800V		
24A		



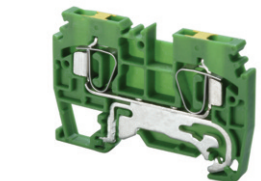
Cat. No.	Std. Pk.
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CSCG2.5T 100



MT5 100

CSCG4T

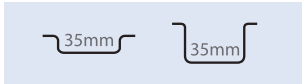


6 mm		
42 x 65 mm		
13 mm		
Polyamide 6.6		
2 spring clamp connection, grounding through alloy feet		
 C SP US	 60947-7-2	 C SP US E220514
22-12 AWG	0.2-4 sq.mm	22-10 AWG
	800V	
	32A	

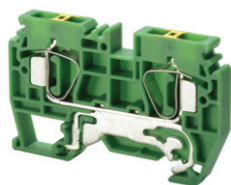


Cat. No.	Std. Pk.
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CSCG4T 100



MT6 100

CSCG6T


8 mm

45 x 72 mm

15 mm

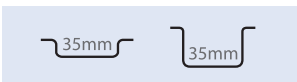
Polyamide 6.6

2 spring clamp connection,
grounding through alloy feet

		
C US	60947-7-2	C US
22-8 AWG	0.2-6 sq.mm	22-8 AWG
	800V	
	41A	

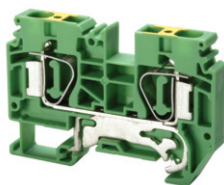


Cat. No.	Std. Pk.
CSCG6T	50



MT8

100

CSCG10T


10 mm

50 x 75 mm

18 mm

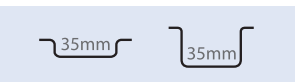
Polyamide 6.6

2 spring clamp connection,
grounding through alloy feet

	
60947-7-2	UL ^①
1.5-10 sq.mm	
800V	
57A	

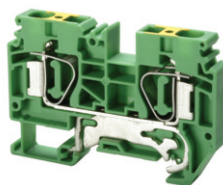


Cat. No.	Std. Pk.
CSCG10T	50



MT10

100

CSCG16T


12 mm

58 x 82 mm

20 mm

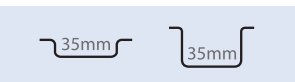
Polyamide 6.6

2 spring clamp connection,
grounding through alloy feet

	
60947-7-2	UL ^①
1.5-16 sq.mm	
800V	
76A	



Cat. No.	Std. Pk.
CSCG16T	50



MT12

100

① UL recognition in progress.

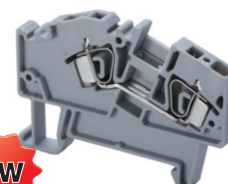
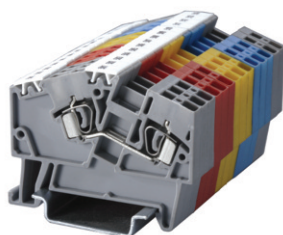
Angular Feed-Through Spring Clamp

These Terminal Blocks are an ideal choice for compact junction boxes having limitations of space and height.

A major advantage of Angular Terminal Blocks over the top wire entry Terminal Blocks is that their profile remains the same across the entire range of Feed Through, Multiple Connection, Ground and Ground Multiple Connection Terminal Blocks.

The other advantages include: Angular entry of wires saving in conductor length, marking / identification facility on the center (top) of the block, multiplication of connections through bridging.

Step Down shorting links are used for shorting spring clamp Terminal Blocks of different sizes. For more details refer to page 77.



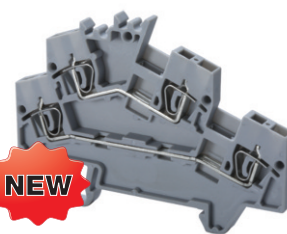
Terminal Width	5 mm			6 mm		
Height x Length	42 x 54 mm			42 x 61.5 mm		
Stripping Length	11 mm			15 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6		
Type of Connection	2 spring clamps & 2 slots for interconnection			2 spring clamps & 2 slots for interconnection		
Approvals	 C US	 60947-7-1	 C US E220514	 C US	 60947-7-1	 C US E220514
Wire Range	22-12 AWG	0.34-2.5 sq.mm	22-12 AWG	22-10 AWG	0.2-4 sq.mm	22-10 AWG
Voltage Rating	600V	800 V	600 V	600 V	800 V	600 V
Current Rating	25 A	24 A	25 A	35 A	32 A	35 A
Other Approvals	   			   		

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block	AS2.5	100	AS4	100
End Plate 	EPAS2.5	50	EPAS4	50

DIN Rail for ordering information refer to pages 90-91				
End Stop for ordering information refer to page 92 	CA103 CA702 CA802	50 50 50	CA103 CA702 CA802	50 50 50
Jumpers Adjacent 	CA801/1	100	CA801/2	100
Jumpers Alternate 	CA801/1-3	100	CA801/2-3	100
Push in type wire jumper 	CA901/1	100	CA901/2	100
Step Down Jumper see page 98 	CA901/5 CA901/6	100 100	CA901/4 CA901/6	100 100
Marking Tags 	MT5	100	MT6	100

AS6			AS2.5/3			AS2.5/4			AS4/3		
											
											
8 mm			5 mm			5 mm			6 mm		
48 x 74 mm			42 x 54 mm			42 x 54 mm			42 x 61.5 mm		
15 mm			11 mm			11 mm			15 mm		
Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
2 spring clamps & 2 slots for interconnection			3 spring clamps & 2 slots for interconnection			4 spring clamp connection			3 spring clamps & 2 slots for interconnection		
											
22-8 AWG	0.2-6 sq.mm.	22-8 AWG	22-12 AWG	0.34-2.5 sq.mm	22-12 AWG	22-12 AWG	0.34-2.5 sq.mm	22-12 AWG	22-10 AWG	0.2-4 sq.mm.	22-10 AWG
600 V	800 V	600 V	600V	800 V	600 V	600V	800 V	600 V	600 V	800 V	600 V
50 A	41 A	50 A	25A	24 A	25 A	25 A	24 A	25 A	35 A	32 A	35 A
   			   			   			   		
Cat. No.	Std. Pk.		Cat. No.	Std. Pk.		Cat. No.	Std. Pk.		Cat. No.	Std. Pk.	
AS6	50		AS2.5/3	100		AS2.5/4	100		AS4/3	100	
EPAS6	50		EPAS2.5	50		EPAS2.5	50		EPAS4	50	
 			 			 			 		
CA103	50		CA103	50		CA103	50		CA103	50	
CA702	50		CA702	50		CA702	50		CA702	50	
CA802	50		CA802	50		CA802	50		CA802	50	
CA801/3	100		CA801/1	100		DOES NOT ACCEPT JUMPERS			CA801/2	100	
CA801/3-3	100		CA801/1-3	100					CA801/2-3	100	
CA901/3	100		CA901/1	100					CA901/2	100	
CA901/4	100		CA901/5	100					CA901/4	100	
CA901/5	100		CA901/6	100					CA901/5	100	
MT8	100		MT5	100		MT5	100		MT6	100	

Angular Feed-Through Spring Clamp



Terminal Width	6 mm			8 mm			5 mm		
Height x Length	42 x 61.5 mm			42 x 74 mm			50 x 79.5 mm		
Stripping Length	15 mm			15 mm			14 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Type of Connection	4 spring clamp connection			3 spring clamps & 2 slots for interconnection			4 spring clamps & 4 slots for interconnection		
Approvals									
Wire Range	22-10 AWG	0.2-4 sq.mm.	22-10 AWG	22-8 AWG	0.2-6 sq.mm.	22-8 AWG	22-12 AWG	0.34-2.5 sq.mm	22-12 AWG
Voltage Rating	600 V	800 V	600 V	600 V	800 V	600 V	300 V	800 V	300 V
Current Rating	35 A	32 A	35 A	50 A	41 A	50 A	25 A	24 A	25 A
Other Approvals									

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block	AS4/4	100	AS6/3	50	ADL2.5	50
End Plate	EPAS4	50	EPAS6	50	EPADL2.5	50

DIN Rail for ordering information refer to pages 90-91						
End Stop for ordering information refer to page 92	CA103	50	CA103	50	CA103	50
	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50
Jumpers Adjacent	DOES NOT ACCEPT JUMPERS		CA801/3	100	CA801/1	100
Jumpers Alternate			CA801/3-3	100	CA801/1-3	100
Push in type wire jumper			CA901/3	100	CA901/1	100
Step Down Jumper see page 98			CA901/4	100		
			CA901/6	100		
Marking Tags	MT6	100	MT8	100	MT5	100

ADL2.5(IS)


5 mm

50 x 79.5 mm

14 mm

Polyamide 6.6

4 spring clamps & 4 slots for interconnection



60947-7-1



0.2-2.5 sq.mm

800 V

24 A


ADLG2.5


5 mm

50 x 79.5 mm

14 mm

Polyamide 6.6

4 spring clamps & 4 slots for interconnection
+ grounding terminal


60947-7-1



E220514

0.34 sq.mm

800 V

24 A

22-12 AWG

600 V

20 A



Cat. No.

Std. Pk.

ADL2.5(IS)

50

EPADL2.5

50

Cat. No.

Std. Pk.

ADLG2.5

50

EPADLG2.5

50



CA103

50

CA702

50

CA802

50

CA801/1

100

CA801/1-3

100

CA901/1

100



CA103

50

CA702

50

CA802

50

CA801/1

100

CA801/1-3

100

MT5

100

MT2G

100

① UL recognition in progress.

Triple Level Spring Clamp

The ATL2.5 series Terminal Blocks are an ideal choice for control systems where sensor and actuator applications are involved. The simplified three level connections tremendously increase wiring density in the circuit.

The top level of the ATL2.5H Terminal Block provides connection points for signal wires while the middle and bottom level are used for positive and negative potentials.

The ATLG2.5 is a triple level Terminal Block with an additional connection for earthing cables. This separate connection point is appropriately identified by the green - yellow imprint on its top.

This Terminal Block is an ideal choice for motor, sensor, actuator and initiator connections.

ATL2.5



Terminal Width	5 mm	
Height x Length	75 x 100 mm	
Stripping Length	10 mm	
Insulation Material	Polyamide 6.6	
Approvals	 	
Wire Range	0.2-2.5 sq.mm.	22-12 AWG
Voltage Rating	500 V	600 V
Current Rating	24 A	20 A
Other Approvals	 	

Terminal Block

End Plate 

DIN Rail
for ordering information
refer to pages 90-91

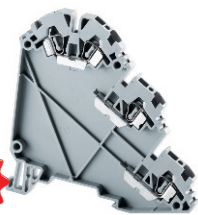
End Stop
for ordering information
refer to page 92

External Jumper (push in)  2 pole
3 pole
4 pole
10 pole

Marking Tags 

Cat. No.	Std. Pk.
ATL2.5	50
EPATL2.5	50
CA702	50
CA802	50
CA202	50
CA103	50
CA801/A2	100
CA801/A3	100
CA801/A4	100
CA801/A10	10
MT2G	100



ATL2.5H


5 mm

75 x 76.1 mm

10 mm

Polyamide 6.6



60947-7-1



0.2-2.5 sq.mm.

22-14 AWG

500 V

24 A



Cat. No.	Std. Pk.
ATL2.5H	50
EPATL2.5H	50



CA702	50
CA802	50
CA202	50
CA103	50
CA801/A2	100
CA801/A3	100
CA801/A4	100
CA801/A10	10
MT2G	100

ATLG2.5


5 mm

75 x 100 mm

10 mm

Polyamide 6.6



60947-7-1



E220514

0.2-2.5 sq.mm.

22-14 AWG

500 V

600 V

24 A

20 A



Cat. No.	Std. Pk.
ATGL2.5	50
EPATLG2.5	50



CA702	50
CA802	50
CA202	50
CA103	50
CA801/A2	100
CA801/A3	100
CA801/A4	100
CA801/A10	10
MT2G	100

① UL recognition in progress.

Angular Ground / Earth Spring Clamp

Besides having angular wire entry, these Terminal Blocks have specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with DIN rails. They are green / yellow color coded as per industry standards.



Terminal Width	5 mm		8 mm		5 mm	
Height x Length	42 x 54 mm		48 x 74 mm		42 x 54 mm	
Stripping Length	11 mm		15 mm		12 mm	
Insulation Material	Polyamide 6.6		Polyamide 6.6		Polyamide 6.6	
Type of Connection	2 spring clamp connection, grounding through alloy feet		2 spring clamp connection, grounding through alloy feet		3 spring clamp connection, grounding through alloy feet	
Approvals	 		 		 	
Wire Range	0.34-2.5 sq.mm. 22-12 AWG		0.2-6 sq.mm. 22-8 AWG		0.34-2.5 sq.mm. 22-12 AWG	
Voltage Rating			800V		800V	
Current Rating			41A		24A	
Other Approvals	    		   		    	

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block	AGT2.5	100	AGT6	50	AGT2.5/3	100
End Plate 	EPAS2.5	50	EPAS6	50	EPAS2.5	50
DIN Rail for ordering information refer to pages 90-91	 		 		 	
Marking Tags 	MT5	100	MT8	100	MT5	100

AGT2.5/4			AGT4			AGT4/3			AGT4/4			AGT6/3		
														
5 mm			6 mm			6 mm			6 mm			8 mm		
42 x 54 mm			42 x 61.5 mm			42 x 61.5 mm			42 x 61.5 mm			48 x 74 mm		
12 mm			15 mm			15 mm			15 mm			15 mm		
Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
4 spring clamp connection, grounding through alloy feet			2 spring clamp connection, grounding through alloy feet			3 spring clamp connection, grounding through alloy feet			4 spring clamp connection, grounding through alloy feet			3 spring clamp connection, grounding through alloy feet		
 C US	 60947-7-2	 C US E220514		 C US E220514	 60947-7-2	 C US E220514	 60947-7-2	 C US E220514	 60947-7-2	 C US E220514		 C US E220514		
22-12 AWG	0.34-2.5 sq.mm.	22-12 AWG	0.2-4 sq.mm.	22-10 AWG	0.2-4 sq.mm.	22-10 AWG	0.2-4 sq.mm.	22-10 AWG	0.2-4 sq.mm.	22-10 AWG	0.2-6 sq.mm.	22-8 AWG		
800V						800V			800V			800 V		
24A						32A			32A			41 A		
    			   			   			   			   		
Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	
AGT2.5/4	100	AGT4	100	AGT4/3	50	AGT4/4	50	AGT6/3	50					
EPAS2.5	50	EPAS4	50	EPAS4	50	EPAS4	50	EPAS4	50	EPAS6	50			
 35mm			 35mm			 35mm			 35mm			 35mm		
MT5	100	MT6	100	MT6	100	MT6	100	MT6	100	MT8	100			

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