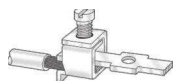


OVERVIEW

SCREW TERMINAL BLOCKS

INTRODUCTION

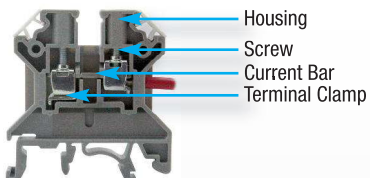
SCREW CLAMP CONNECTION TECHNOLOGY



- Maximum wiring efficiency and reliability
- Supplied with open clamps ready to accept wires
- No wire preparation necessary (with/ without ferrule)
- Vibration resistant/ Gas-tight connection
- For very larger wire sizes (up to 250 kcmil)
- Designed for most stringent requirements
- Simple connection with standard flat head screwdriver



MATERIAL SPECIFICATIONS



Current Carrying Metal

Corrosion free material

- Clamp: zinc chromate passivated steel
- Screw: zinc chromate passivated steel
- Current Bar: nickel plated copper alloy / tin plated copper

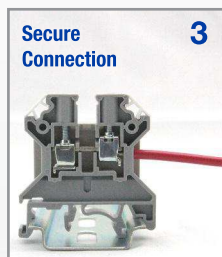
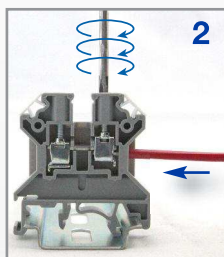
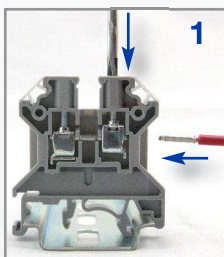
Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

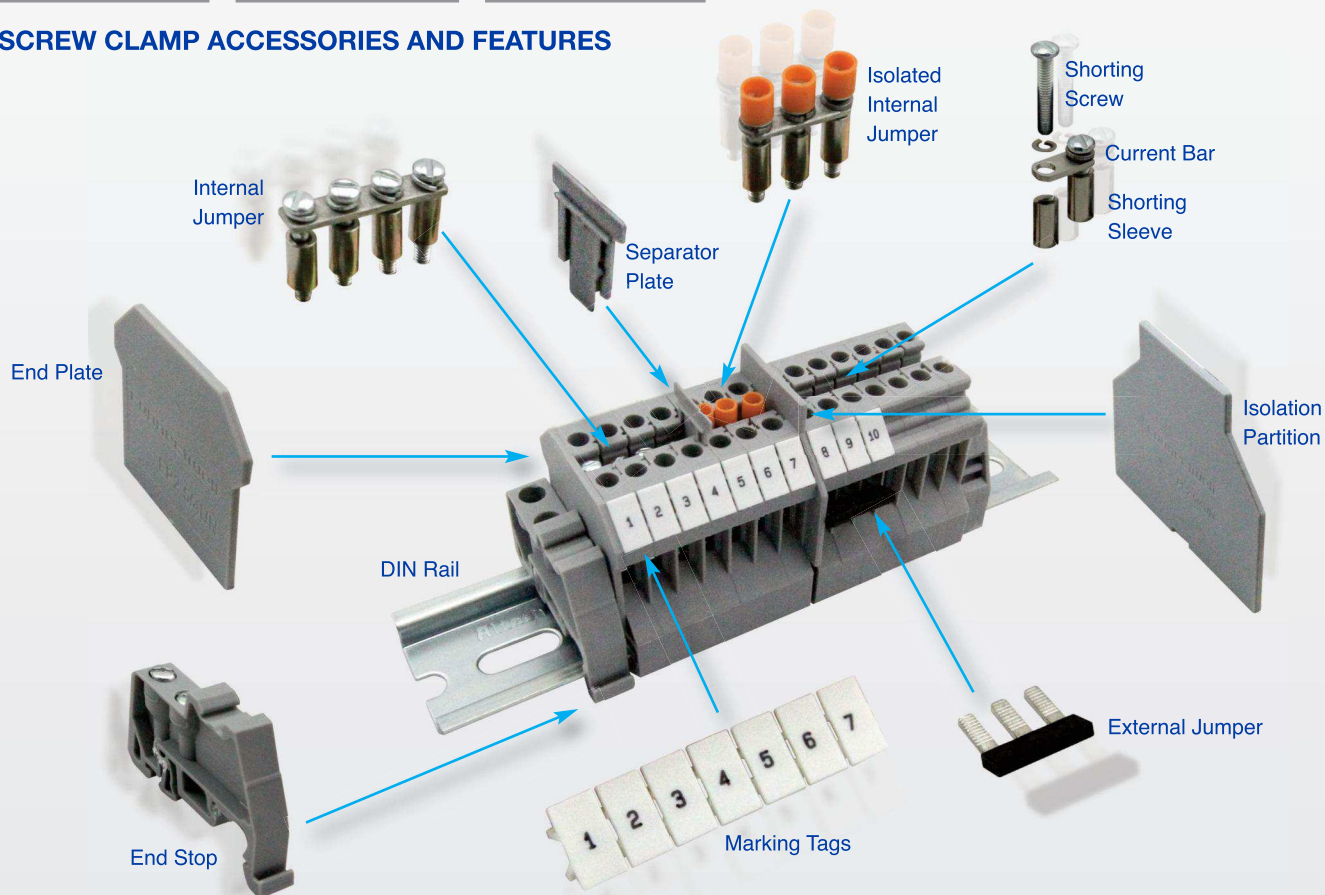
Upper Temperature Limit:	105°C
Lower Temperature Limit:	-50°C
Flammability UL94:	V2/ V0
Volume Resistivity:	$10^{12} \Omega \text{ cm}$
Surface Resistivity:	$10^{10} \Omega$

INSTALLATION GUIDELINES



- 1 Insert Wire into open clamp
- 2 Tighten screw to specified torque
- 3 Remove Screwdriver, screw terminal is closed with locking feature for a reliable/ safe connection

SCREW CLAMP ACCESSORIES AND FEATURES



Feed Through Terminal Blocks

- Up to 240A
- Multi-Connection Terminals
- Double Level Terminal
- Triple Level Terminals
- Ground Blocks
- Wide range of accessories
- All standard colors



Feed Through
page 6-8



Multi-Connection
page 9



Double Level
page 10-12



Triple Level
page 14-15



Ground / Earth
page 16-17

Fuse Terminal Blocks

- 1/4" x 1" Fuse Terminal Blocks
- 5x20mm/ 5x25mm Fuse Terminal Blocks
- Double level versions
- Component Carrier for flexible requirements
- 10x38, CC, J-Type Fuse Holder



5x20mm / 5x25mm
CF4U / CF4SP
page 18-19



Double Lever
DDFL4U
page 20-21



1/4"x1"
CAFL4U
page 22



Component Carrier
CCC4U
page 23



Fuse Holder
page 24-25

Disconnect & Test Terminal Blocks

- Slider Style
- Blade/ Knife Style
- Lever Style
- Accessories and matching Feed Through terminals



Slider Style
CDS6U
page 26-27



Blade Style
CKT4U
page 28



Blade Style
CKT4SP
page 29



Slider Style
CDTTU
page 30



Lever Style
CSDL4U
page 31

Power Distribution Terminal Blocks

- Various I/O configurations
- Up to 150A
- Compact Hybrid Distribution Block



CDB Series
page 32-33



CMDDB Series
page 34



Hybrid CXDB Series
page 35



Distribution/Grounding
page 36

Special Application Terminal Blocks

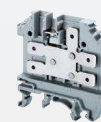
- Spring Loaded Terminals for high vibration applications
- 1000V High Voltage Terminals
- Thermocouple Terminals
- Tab Connection Terminals
- Electronic Components Terminals



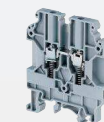
1000V High Voltage
CHV Series
page 37



Thermocouple
CTT2.5U Series
page 38



Tab Connection
CTC Series
page 39



Spring Loaded
USC Series
page 36-37



Electronic Components
page 42-47

Accessories

- Internal Jumpers (Uninsulated, Insulated)
- Endplates
- Partition/ Separator Plates
- Protective Covers
- End Stops



Jumpers
page 48



Endplates, Separators, End Stops, Covers, etc.
page 49



HIGHLIGHTS

FEATURES

- Yellow/Green color code as per industry standard
- Clamp mechanically on Rail by tightening middle screw
- Rail serves as grounding busbar to feed ground potential to all other grounding terminals
- **CGT4N, CGT6N, CGT10N and CGT16N** have same profile as respective feed through blocks
- **CGT4U, CGT10U, and CGT35U** mount on both 35mm and 32mm DIN-Rail

APPLICATIONS

- Grounding Applications

Dimensions & Weight

Width	6 mm	6 mm	8 mm
Length	43 mm	54.2 mm	54.5 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	49.5 mm 56.7 mm	48.2 mm 55.8 mm
Weight per piece	21.5 g	22.0 g	27.0 g

Technical Data/Ratings

Approvals	      	    	    	    		
	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid / stranded)	22-10 AWG	0.2-4 mm ²	22-10 AWG	0.2-4 mm ²	22-8 AWG	0.2-6 mm ²
Voltage Rating	600 V	800 V AC/DC	600 V	1000 V AC/DC	600 V	1000 V AC/DC
Current Rating	—		—		—	
Torque	7.0 lb-in	0.5 Nm	7 lb-in	0.5 Nm	14 lb-in	1.6 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

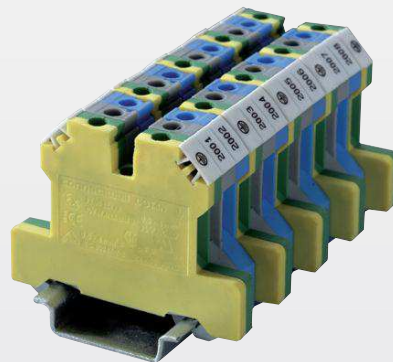
Wire Stripping Length	8 mm	8 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4.0 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Yellow/Green	CGT4U	50	CGT4N	50	CGT6N	50

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCGT4U/Y	50	-	-	-	-
DIN Rail	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
Marking Tag	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)

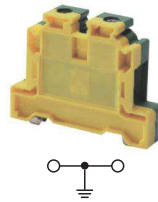


Assembly example for single phase 3 wire circuits.

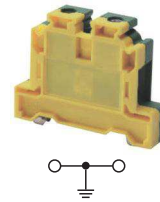
CGT10U



CGT10N



CGT16N



CGT35U



Dimensions & Weight

Width	10 mm	10 mm	12 mm	16 mm
Length	45.0 mm	55.0 mm	55.0 mm	58.0 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	51.0 mm 58.2 mm	48.5 mm 56.0 mm	63.7 mm 70.5 mm
Weight per piece	30.5 g	35.2 g	39.6 g	102.0 g

Technical Data/Ratings

Approvals 	E220514	E220514	E220514	E220514	E220514	E220514			
Wire Size (solid / stranded)	16-8 AWG	22-6 AWG	0.2-10 mm²	16-6 AWG	0.2-10 mm²	20-4 AWG	0.2-16 mm²	8-2 AWG	2.5-35 mm²
Voltage Rating	600 V	600 V	1000 VAC/DC	600 V	1000 VAC/DC	600 V	1000 VAC/DC	600 V	1000 VAC/DC
Current Rating	—			—		—		—	
Torque	14 lb-in	14 lb-in	1.6 Nm	14 lb-in	1.6 Nm	14 lb-in	1.6 Nm	25 lb-in	2.8 Nm
Insulation Material	Polyamide 66			Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	11 mm	11 mm	12 mm	15 mm
Screwdriver	Flat Head 0.8 x 4.0 mm	Flat Head 0.8 x 4.0 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Yellow/Green	CGT10U	50	CGT10N	50	CGT16N	50	CGT35U	20

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	—	—	—	—	—	—	—	—
DIN Rail	2511120	20	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10	2511160	10
Marking Tag	MT10	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT12	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)