

## Grounding (Earth), Terminals

Use of grounding terminals instead of grounding studs and wire lugs to terminate ground wires, saves installation and wiring time substantially.

Grounding terminals clamp mechanically onto the DIN Rail by tightening the center mounting screw, making a reliable electrical connection between the current bar and the DIN Rail. The rail serves as a busbar and automatically distributes ground potential to all other ground terminals on the same rail.

Grounding terminals can also be used as end stops, preventing other terminal blocks and components from moving laterally on the DIN Rail.

They are supplied with a standard green/yellow housing as per set norms for easy identification and accept international 'K' type marking tags.









Grounding terminals are for DIN 35 and DIN 32 rails.

Special features of grounding terminals are:

- Unbreakable housing in Polyamide 6.6 in green and yellow colour for easy identification.
- Tin-plated, brass foot for low contact grounding resistance.
- Vibration proof grounding by operating central screw.
- High torque clamping yokes for wide range of wires.

**G4**

**G10**


Terminal Pitch	6 mm			10 mm			
Height x Width	45.4 x 54.2 mm			50 x 45 mm			
Connection Possibility	Stranded Wire	0.5 to 4 sq.mm		1.5 to 10 sq.mm			
	Solid Wire	0.5 to 6 sq.mm		1.5 to 16 sq.mm			
Stripping Length	9 mm			12 mm			
Insulation Material	Polyamide 6.6			Polyamide 6.6			
Type of Connection	2 screw clamps and grounding through central screw			2 screw clamp and grounding through central screw			
Approvals							
Rated Cross Section	22-12 AWG	0.5-4 sq. mm	22-12 AWG	16-8 AWG	1.5-10 sq.mm	16-8 AWG	
Current Rating	25 A	32 A	25 A	65 A	57 A		
Torque	7 lb-in	0.5 Nm	7 lb-in	14 lb-in	1.2 Nm	14 lb-in	
	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	
Terminal Station	G4	50	21.5	G10	50	30	
Mounting Rail	DIN 32G	50 M	750	DIN 32G	50 M	750	
	DIN 35U	50 M	360	DIN 35U	50 M	360	
	DIN 35-15D	50 M	700	DIN 35-15D	50 M	700	
Marking Tags (K Type)		KM/6	100	0.1	KM/10	100	0.16

**G35**



**GM4**



16 mm			6 mm		
61.5 x 58 mm			28.5 x 27 mm		
10 to 35 sq.mm 10 to 50 sq.mm			0.5 to 4 sq.mm 0.5 to 6 sq.mm		
18 mm			9 mm		
Polyamide 6.6			Polyamide 6.6		
2 screw clamp and grounding through central screw			2 screw clamps and grounding through central screw		
			CSA Standard		
8-3 AWG	10-35 sq.mm	8-2 AWG	22-12 AWG	0.5-4 AWG	22-12 AWG
145 A	125 A		25 A	32 A	
25 lb-in	2.5 Nm	25 lb-in	7 lb-in	0.5 Nm	7 lb-in
<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>
G35	20	80	GM4	100	
DIN 32G DIN 35-15D	50 M 50 M	750 700	DIN 15	50 M	140
KM/15	100	0.24	KM/02	100	

## Spring Clamp Ground Terminals

'Screwless' Spring Clamp Ground terminal blocks are offered for quick connections and go well with other spring clamp terminal blocks. The spring clamp is operated by using a screw driver to provide an access to wire through the opening in the spring clamp. The wire is held against current bar directly by pre-stressed spring clamp. Specially designed alloy feet help in achieving very low contact resistance and vibration proof grounding.

CAGE series terminals can be mounted on DIN 35 rails along with other terminals and eliminate separate bus bar. The terminal

profile matches with the feed through terminal block of same wire size.

Special features of CAGE terminals are :

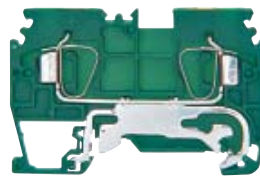
- Vibration proof grounding can be easily achieved by specially designed alloy feet
- Versatile special alloy feet to ensures very low contact resistance.
- Spring clamp to accept any type of wires.



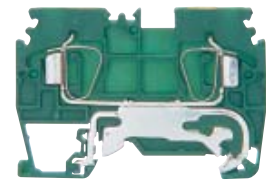
**CAGEG2.5**



**CAGEG4**



**CAGEG6**



Terminal Pitch	5 mm			6 mm			8 mm		
Height x Width	36 x 58 mm			42 x 65 mm			45 x 72 mm		
Connection Possibility	Flexible Stranded	0.5 to 2.5 sq.mm		0.5 to 4 sq.mm	0.5 to 6 sq.mm		0.5 to 6 sq.mm	0.5 to 10 sq.mm	
	Rigid Solid	0.5 to 4 sq.mm		0.5 to 6 sq.mm					
Stripping Length	9 mm			9 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			2 Spring clamp connection, grounding through alloy feet		
Approvals	CSA Standard	<b>CE</b>	UL Standard	CSA Standard	<b>CE</b>	UL Standard	CSA Standard	<b>CE</b>	UL Standard
Rated Cross Section	22-14 AWG	2.5 sq.mm	22-14 AWG	22-12 AWG	4 sq.mm	22-12 AWG	22-8 AWG	6 sq.mm	22-8 AWG
Current Rating	20 A	24 A		25 A	32 A		50 A	41 A	
	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>	<b>Type Cat No.</b>	<b>Std. Packing in Nos.</b>	<b>Wt Per unit in Grams</b>
Terminal Station	CAGEG2.5	100		CAGEG4	100		CAGEG6	50	
Mounting Rail	DIN 35U	50 M	360	DIN 35U	50 M	360	DIN 35U	50 M	360
	DIN 35-15D	50 M	700	DIN 35-15D	50 M	700	DIN 35-15D	50 M	700
Marking Tags	KM/5	100	0.16	KM/6	100	0.16	KM/8	100	0.16s