Ground Terminal Blocks





Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

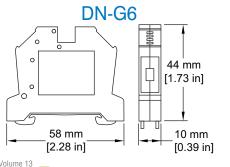
Note: The use of an end bracket is not required when a ground block is positioned at the end of a terminal block assembly.

Ground blocks are molded in green and yellow per international standards.

Ground Block	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg
	DN-G10	50	<>	DN-G8	50	<>	DN-G6	50	<>
	DN-G10-10	10	<>	DN-G8-10	10	<>	DN-G6-10	10	<>
Ground Terminal Blocks Specifications									
UL Approval *	-	-	24-10AWG	-	-	22-8AWG	-	-	20-6AWG
CSA Approval	-	-	18-12AWG	-	-	18-8AWG	-	-	18-6AWG
VDE Approval	-	-	4mm ²	-	-	6mm ²	-	-	10mm ²
CE Conformity	CE 23/20, CE 23/21			CE 23/20, CE 23/21			CE 23/20, CE 23/21		
Agency File #	E179129, LR84816			E179129, LR84816			E179129, LR84816		
Wire Strip Length	0.39 in (10 mm)			0.47 in (12 mm)			0.51 in (13 mm)		
Terminal Screw Torque	7 lb-in (0.8 N·m)			10 lb·in (1.1 N·m)			20 Ib·in (2.3 N·m)		
Ground Screw Torque	7 lb-in (0.8 N·m)								
Density	43 pcs/ft (142/m)			38 pcs/ft (125/m)			30 pcs/ft (100/m)		
Operating Temperature	Ambient air temperature: -13°F to 104°F (-25°C to 40°C) Relative humidity: 50% max at 104°F (40°C); 90% max at 68°F (20°C)								
* For copper wire only									

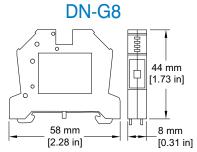
Accessories						
	Part Number	Pcs/Pkg	Price/Pkg			
35 mm DIN Rail	DN-R35S1 (7.5 mm) or DN-R35HS1 (15 mm)	10	various			
	DN-R35S1-2 (7.5 mm) or DN-R35HS1-2 (15 mm)	2	various			
Marking Tags	DN-L*/DN-LT** series	500/100	various			
Angled Support Bracket	DN-ASB1	50	<>			
Notes:* On lever arm, ** On terminal body						

For more information on accessories, see the DINnectors Accessories section of this chapter.

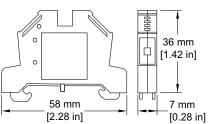


Terminal Blocks/Wiring Solutions

e29-20



DN-G10



Ground Terminal Blocks, continued



Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

Note: The use of an end bracket is not required when a ground block is positioned at the end of a terminal block assembly.

Ground blocks are molded in green and yellow per international standards.



Ground Block	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg	
CIOUNU DIOCK	DN-G4	25	<>	DN-G1/0	25	<>	
Ground Terminal Blocks Specifications							
UL Approval	-	-	14-4AWG	-	-	14-1/0AWG	
CSA Approval	-	-	14-4AWG	-	-	14-1/0AWG	
VDE Approval	_	-	25mm ²	-	-	35mm²	
CE Conformity	CE 2	3/20, CE 23/21		CE 23/20, CE 23/21			
Agency File #	E179129, LR84816 E179129, LR84816						
Wire Strip Length	0.	55" (14mm)		0.71" (18mm)			
Terminal Screw Torque	30 II	b∙in (3.4 N∙m)		45 lb·in (5.1 N·m)			
Ground Screw Torque	10 lb-in (1.1 N·m)						
Density	25	ocs./ft. (83/m)		19 pcs./ft. (62/m)			

Accessories						
	Part Number	Pcs/Pkg	Price/Pkg			
35 mm DIN Rail	DN-R35S1 (7.5 mm) or DN-R35HS1 (15 mm)	10	various			
	DN-R35S1-2 (7.5 mm) or DN-R35HS1-2 (15 mm)	2	various			
Marking Tags	DN-L*/DN-LT** series	500/100	various			
Angled Support Bracket	DN-ASB1	50	<>			
Notes:* On lever arm, ** On to	erminal body					

For more information on accessories, see the DINnectors Accessories section of this chapter.

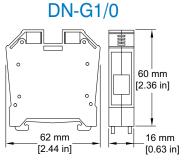
12 mm

[0.47 in]

DN-G4 0 0 49 mm ¢ [1.93 in] 0 0

58 mm

[2.28 in]



Volume 13

Systems Overview Programmable Controllers

Company Information

Field I/O Software

C-more & other HMI

Drives Soft Starters

Motors & Gearbox

Steppers/ Servos Motor

Controls Proximity

Sensors

Photo Sensors

Limit Switches

Encoders

Current Sensors

Pressure Sensors

> Temperature Sensors

Pushbuttons/ Lights

Process

Relays/ Timers

Comm.

icks &

Power

Circuit

Protection

Enclosures

Tools

Pneumatics

Appendix

Product

Index Part # Index

e29-21

Terminal Blocks/Wiring Solutions