

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.

	Part #	Pcs /Pkg	Price /Pkg	Part #	Pcs /Pkg	Price /Pkg	Part#	Pcs /Pkg	Price /Pkg
Ground Block	DN-G10	50	<-->	DN-G8	50	<-->	DN-G6	50	<-->
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 lb-in (2.3 N-m)		
Ground Screw Torque	7 lb-in (0.8 N-m)			7 lb-in (0.8 N-m)			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)								
<i>* For copper wire only</i>									



	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
Ground Block	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	-	-	35mm ²
CE Conformity	CE 23/20, 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 lb-in (3.4 N-m)			45 lb-in (5.1 N-m)		
Ground Screw Torque	10 lb-in (1.1 N-m)			10 lb-in (1.1 N-m)		
Density	25 pcs./ft. (83/m)			19 pcs./ft. (62/m)		

Ground Block Accessories			
	Part#	Pcs/Pkg	Price/Pkg
DIN Rail	35mm DIN rail	10	various
Marking Tags	DN-LT series	100	<-->
Angled Support Bracket	DN-ASB1	50	<-->

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

