



# Ground Terminal Blocks

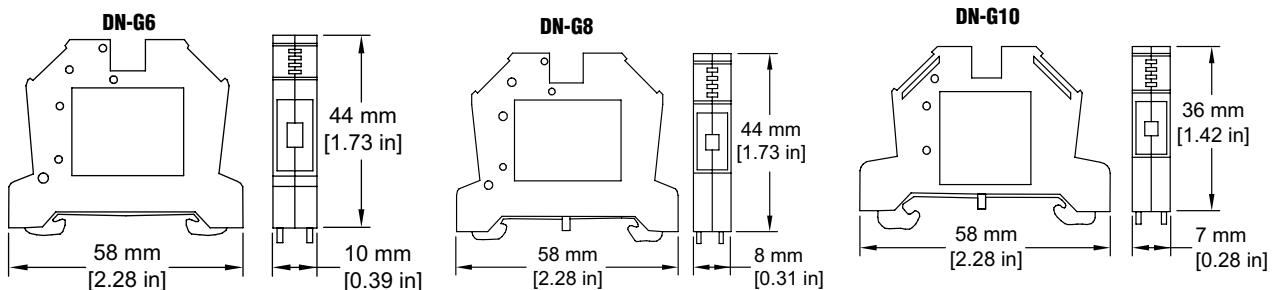
Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

**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 and are 35mm DIN rail mountable.



Ordering Information												
	Part Number	Pcs/Pkg	Price	Part Number	Pcs/Pkg	Price	Part Number	Pcs/Pkg	Price			
Green/Yellow Terminal Block	<b>DN-G10</b>	50	\$117.00	<b>DN-G8</b>	50	\$140.00	<b>DN-G6</b>	50	\$191.00			
	<b>DN-G10-10</b>	10	\$25.00	<b>DN-G8-10</b>	10	\$29.50	<b>DN-G6-10</b>	10	\$40.50			
Technical Specifications												
<b>Stripping Length</b>	10mm [0.39 in]			12mm [0.47 in]			13mm [0.51 in]					
<b>Tightening Torque</b>	0.8 N·m [7 lb·in]			1.1 N·m [10 lb·in]			2.3 N·m [20 lb·in]					
<b>Ground Screw Torque</b>	-			0.8 N·m [7 lb·in]			-					
<b>Density</b>	142/m [43 pcs/ft]			125/m [38 pcs/ft]			100/m [30 pcs/ft]					
<b>UL Approval*</b>	-	-	24-10 AWG	-	-	22-8 AWG	-	-	20-6 AWG			
<b>CSA Approval</b>	-	-	18-12 AWG	-	-	18-8 AWG	-	-	18-6 AWG			
<b>VDE Approval</b>	-	-	4mm <sup>2</sup>	-	-	6mm <sup>2</sup>	-	-	10mm <sup>2</sup>			
<b>Operating Temperature</b>	Ambient air temperature: -20°C to 105°C [-4°F to 221°F] / Relative humidity: 50% max at 40°C [104°F]; 90% max at 20°C [68°F]											
<b>SCCR Rating</b>	100kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components											
<b>CE Conformity</b>	CE (EN 60947-1 / EN 60947-2)											
<b>Agency File #</b>	UL E179129 / LR84816											
<b>Note:</b> To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.												
Accessories												
35mm DIN Rail	7.5 mm high	<b>DN-R35S1</b>	10	\$28.00	<b>DN-R35S1</b>	10	\$28.00	<b>DN-R35S1</b>	10	\$28.00		
		<b>DN-R35S1-2</b>	2	\$9.25	<b>DN-R35S1-2</b>	2	\$9.25	<b>DN-R35S1-2</b>	2	\$9.25		
	15mm high	<b>DN-R35HS1</b>	10	\$50.00	<b>DN-R35HS1</b>	10	\$50.00	<b>DN-R35HS1</b>	10	\$50.00		
		<b>DN-R35HS1-2</b>	2	\$12.50	<b>DN-R35HS1-2</b>	2	\$12.50	<b>DN-R35HS1-2</b>	2	\$12.50		
<b>Angled Support Bracket</b>	<b>DN-ASB1</b>		50	\$50.00	<b>DN-ASB1</b>		50	\$50.00	<b>DN-ASB1</b>		50	\$50.00
<b>Marking Tags</b>	<b>DN-L** or DN-LT***</b>		500/100	various	<b>DN-L** or DN-LT***</b>		500/100	various	<b>DN-L** or DN-LT***</b>		500/100	various
<p>*For copper wire only                  **On lever arm                  ***On terminal body</p> <p><b>Note:</b> For more information on accessories, see the DINnectors Accessories section of this chapter.</p>												

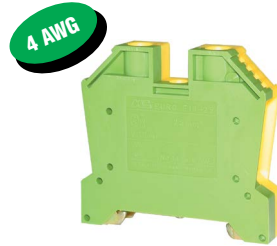


# DINnectors® Ground Terminal Blocks

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.**

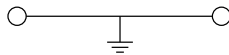
Ground blocks are molded in green and yellow per international standards and are 35mm DIN-rail mountable.



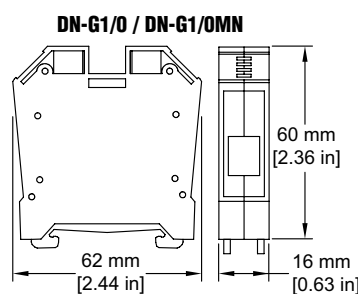
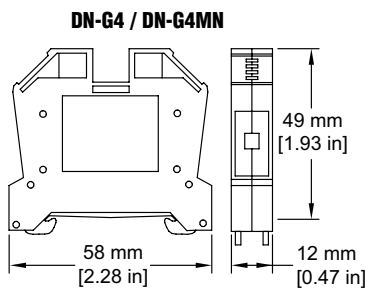
**DN-G4**  
Series: EURO E 16-25/35



**DN-G1/0**  
Series: EURO E 35-50/35

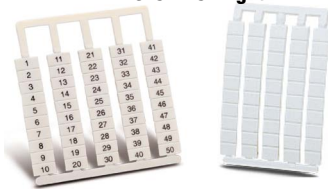


Ordering Information							
	Part Number	Pcs/Pkg	Price	Part Number	Pcs/Pkg	Price	
Green/Yellow Block	<b>DN-G4</b>	25	\$117.00	<b>DN-G1/0</b>	25	\$149.00	
	<b>DN-G4MN</b>	8	\$27.50	<b>DN-G1/0MN</b>	5	\$24.50	
Technical Specifications							
<b>Stripping Length</b>	14mm [0.55 in]			18mm [0.71]			
<b>Tightening Torque</b>	3.4 N·m [30 lb·in]			5.1 N·m [45 lb·in]			
<b>Ground Screw Torque</b>	1.1 N·m [10 lb·in]			1.1 N·m [10 lb·in]			
<b>Density</b>	83/m [25 pcs/ft]			62/m [19 pcs/ft]			
<b>UL Approval*</b>	-	-	14-4 AWG	-	-	14-1/0 AWG	
<b>CSA Approval</b>	-	-	14-4 AWG	-	-	14-1/0 AWG	
<b>VDE Approval</b>	-	-	25mm²	-	-	35mm²	
<b>SCCR Rating</b>	100kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components						
<b>CE Conformity</b>	CE (EN 60947-1 / 60947-7-2)						
<b>Agency File #</b>	UL E179129 / LR84816						
<i>Note: To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.</i>							
Accessories							
35mm DIN Rail	7.5 mm high	<b>DN-R35S1</b>	10	\$28.00	<b>DN-R35S1</b>	10	\$28.00
		<b>DN-R35S1-2</b>	2	\$9.25	<b>DN-R35S1-2</b>	2	\$9.25
	15mm high	<b>DN-R35HS1</b>	10	\$50.00	<b>DN-R35HS1</b>	10	\$50.00
		<b>DN-R35HS1-2</b>	2	\$12.50	<b>DN-R35HS1-2</b>	2	\$12.50
<b>Angled Support Bracket</b>	<b>DN-ASB1</b>		50	\$50.00	<b>DN-ASB1</b>	50	\$50.00
<b>Marking Tags</b>	<b>DN-L** or DN-LT***</b>		500/100	various	<b>DN-L** or DN-LT***</b>	500/100	various
<p>*For copper wire only                  **On lever arm                  ***On terminal body  <i>Note: For more information on accessories, see the DINnectors Accessories section of this chapter.</i></p>							



# DINnectors<sup>®</sup> Accessories

**DN-LB (blank)  
shown on right**



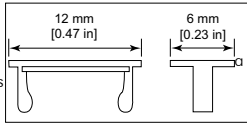
## DN-L

- **Fits terminal block types:** All except Screwless DINnectors, DN-T12-A, DN-M10-A, DN-MG, and DN-TL series
- **Material:** Thermoplastic with heat embossed black print

Note:

1. The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500 tags.
2. The DN-L tags fit all DINnectors 6mm wide and wider.
3. The DN-L tags fit all DINnectors 6mm wide and wider but will leave gap between tags on blocks wider than 6mm.

**Dimensions**



Marking Sequence	Part#	Pcs/Pkg	Price
1-50	<b>DN-L50</b>	500	\$33.00
51-100	<b>DN-L100</b>	500	\$33.00
101-150	<b>DN-L150</b>	500	\$33.00
151-200	<b>DN-L200</b>	500	\$33.00
201-250	<b>DN-L250</b>	500	\$33.00
251-300	<b>DN-L300</b>	500	\$33.00
301-350	<b>DN-L350</b>	500	\$33.00
351-400	<b>DN-L400</b>	500	\$33.00
401-450	<b>DN-L450</b>	500	\$33.00
Blank	<b>DN-LB</b>	500	\$22.50
L1, L2, L3, L, N, GND, +, -, COM, COM*	<b>DN-LS</b>	500	\$33.00

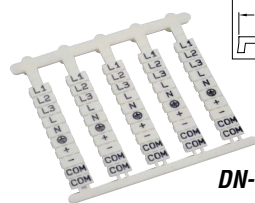
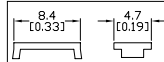
## DN-QL

- **Fits terminal block types:** Screwless DN-Q series
- **Material:** Thermoplastic with heat embossed black print. Packaged 100 labels per card, and five cards per box.

Note:

1. The marking sequence (i.e. 1-100) is printed five times in each package of 500 tags.

**Dimensions**



**DN-QLS Shown**

Marking Sequence	Part #	Pcs/Pkg	Price
1-100	<b>DN-QL100</b>	500	\$25.50
101-200	<b>DN-QL200</b>	500	\$25.50
201-300	<b>DN-QL300</b>	500	\$25.50
301-400	<b>DN-QL400</b>	500	\$25.50
401-500	<b>DN-QL500</b>	500	\$25.50
Blank Tags	<b>DN-QLB</b>	500	\$22.00
L1, L2, L3, L, N, GND, +, -, COM, COM*	<b>DN-QLS</b>	500	\$29.00



**DN-LAB (blank) shown on left;  
part of DN-LA100 on right**

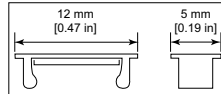
## DN-LA

- **Fits terminal block types:** DN-T12-A series
- **Material:** Thermoplastic with heat embossed black print

Note:

1. The marking sequence (i.e. 1-100) is printed five times in each package of 500 tags.
2. The DN-T12-A series is 5mm wide, so the 6mm wide DN-L tags do not fit these blocks.
3. The DN-LA tags fit all DINnectors 5mm wide and wider but will leave a gap between tags on blocks wider than 5mm.

**Dimensions**



Marking Sequence	Part#	Pcs/Pkg	Price
1-100	<b>DN-LA100</b>	500	\$33.00
101-200	<b>DN-LA200</b>	500	\$33.00
201-300	<b>DN-LA300</b>	500	\$33.00
301-400	<b>DN-LA400</b>	500	\$33.00
Blank Tags	<b>DN-LAB</b>	500	\$33.00
L1, L2, L3, L, N, GND, +, -, COM, COM*	<b>DN-LAS</b>	500	\$33.00

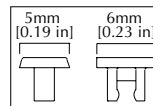
## DN-LAT-A

- **Fits terminal block types:** Triple level DN-TL14
- **Material:** Thermoplastic with heat embossed black print

Note:

1. The marking sequence (i.e. 1-100) is printed five times in each package of 500 tags.

**Dimensions**



Marking Sequence	Part #	Pcs/Pkg	Price
1-100	<b>DN-LAT100-A</b>	500	\$29.00
101-200	<b>DN-LAT200-A</b>	500	\$29.00
201-300	<b>DN-LAT300-A</b>	500	\$29.00
301-400	<b>DN-LAT400-A</b>	500	\$29.00
401-500	<b>DN-LAT500-A</b>	500	\$29.00
501-600	<b>DN-LAT600-A</b>	500	\$29.00
Blank Tags	<b>DN-LATB-A</b>	500	\$21.50
L1, L2, L3, L, N, GND, +, -, COM, COM*	<b>DN-LATS-A</b>	500	\$29.00



**DN-LTA marker shown top; DN-LT60 marker shown middle; DN-LTGND shown bottom**

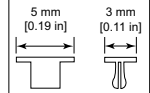
## DN-LT

- **Fits terminal block types:** All except Screwless DINnectors (see DN-QL series)
- **Material:** Thermoplastic with heat embossed black print

Note:

1. These marking tags allow the flexibility of creating custom marking sequences on site.
2. The DN-M10-A support a maximum of three digits (tags), while other DINnectors support up to four digits (tags)

**Dimensions**



Marking Sequence	Part#	Pcs/Pkg	Price
1-5	<b>DN-LT15</b>	100	\$6.00
6-0	<b>DN-LT60</b>	100	\$6.00
1	<b>DN-LT1</b>	100	\$6.00
2	<b>DN-LT2</b>	100	\$6.00
3	<b>DN-LT3</b>	100	\$6.00
4	<b>DN-LT4</b>	100	\$6.00
5	<b>DN-LT5</b>	100	\$6.00
6	<b>DN-LT6</b>	100	\$6.00
7	<b>DN-LT7</b>	100	\$6.00
8	<b>DN-LT8</b>	100	\$6.00
9	<b>DN-LT9</b>	100	\$6.00
0	<b>DN-LT0</b>	100	\$6.00
Unprinted	<b>DN-LTBLNK</b>	100	\$6.00
A	<b>DN-LTA</b>	100	\$6.00
B	<b>DN-LTB</b>	100	\$6.00
C	<b>DN-LTC</b>	100	\$6.00
D	<b>DN-LTD</b>	100	\$6.00
E	<b>DN-LTE</b>	100	\$6.00
F	<b>DN-LTF</b>	100	\$6.00
G	<b>DN-LTG</b>	100	\$6.00
H	<b>DN-LTH</b>	100	\$6.00
I	<b>DN-LTI</b>	100	\$6.00
J	<b>DN-LTJ</b>	100	\$6.00
K	<b>DN-LTK</b>	100	\$6.00
L	<b>DN-LTL</b>	100	\$6.00
M	<b>DN-LTM</b>	100	\$6.00
N	<b>DN-LTN</b>	100	\$6.00
-	-	-	-
P	<b>DN-LTP</b>	100	\$6.00
Q	<b>DN-LTQ</b>	100	\$6.00
R	<b>DN-LTR</b>	100	\$6.00
S	<b>DN-LTS</b>	100	\$6.00
T	<b>DN-LTT</b>	100	\$6.00
U	<b>DN-LTU</b>	100	\$6.00
V	<b>DN-LTV</b>	100	\$6.00
W	<b>DN-LTW</b>	100	\$6.00
X	<b>DN-LTX</b>	100	\$6.00
Y	<b>DN-LTY</b>	100	\$6.00
Z	<b>DN-LTZ</b>	100	\$6.00
⊕	<b>DN-LTGND</b>	100	\$6.00
+	<b>DN-LTPOS</b>	100	\$6.00
-	<b>DN-LTNEG</b>	100	\$6.00
~	<b>DN-LTAC</b>	100	\$6.00
=	<b>DN-LTDC</b>	100	\$6.00

# DINnectors® Accessories

## Terminal Marking Accessories



**DN-EMLBL1**



**DN-EMLBL2**



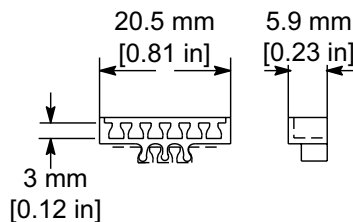
**DN-EMLBL3**

Part #	Description	For Use With	Pcs/Pkg	Price Each
<b>DN-EMLBL1</b>	Blank labels	DN-EMPEG1 pin protectors for DN-xEMXxx plug-in terminal blocks	100	\$5.50
<b>DN-EMLBL2</b>	Labels printed 1 – 12		100	\$7.50
<b>DN-EMLBL3</b>	Labels printed 13 – 24		100	\$7.50



**DN-MTA marking tag adapter**

**DN-MTA dimensions**



Part#	Description	Pcs/Pkg	Price Each
<b>DN-MTA</b>	Marking tag adapter holds up to six DN-LT tags	50	\$8.25

**Note:** DN-MTA adapter does not fit DN-T12-A terminal blocks.

## Marking Pen – for terminal and wire marking tags

- Permanent
- Smudge-proof
- Waterproof
- Weatherproof
- Lightfast (won't fade)
- Dries in seconds (excellent for left-handed users)
- Dry-safe (pen can be left uncapped for days without drying out)
- Low odor ink

Part#	Description	Pcs/Pkg	Price Each
<b>DN-MP</b>	Indelible black ink marking pen	1	\$3.75



**Marking pen**

## Wire Marking Accessories



**DN-WMTAG1 wire tags & DN-WM-x wire tag holders**

Part #	Description	For Use With	Pcs/Pkg	Price Each
<b>DN-WMTAG1</b>	Wire tag – blank	all DN-WM-x wire tag holders	525	\$35.00
<b>DN-WM-1</b>	Wire tag holder, clear, 12mm length, 0.051–0.118 in diameter; for 22–16 AWG wire	DN-WMTAG1	200	\$7.25
<b>DN-WM-2</b>	Wire tag holder, clear, 12mm length, 0.098–0.196 in diameter; for 16–11 AWG wire		200	\$7.25
<b>DN-WM-3</b>	Wire tag holder, clear, 12mm length, 0.157–0.393 in diameter; for 13–5 AWG wire		100	\$4.75
<b>DN-WM-4</b>	Wire tag holder, clear, 12mm length, 0.314–0.629 in diameter; for 5AWG wire		100	\$4.25