

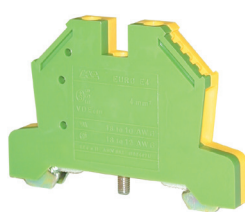


# Ground Terminal Blocks

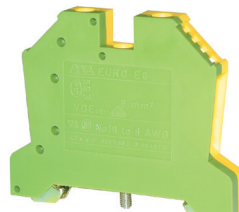
Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

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

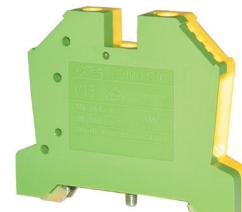
Ground blocks are molded in green and yellow per international standards and are 35mm DIN rail mountable.



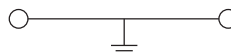
**DN-G10**  
Series: EURO E4/35



**DN-G8**  
Series: EURO E6/35



**DN-G6**  
Series: EURO E10/35



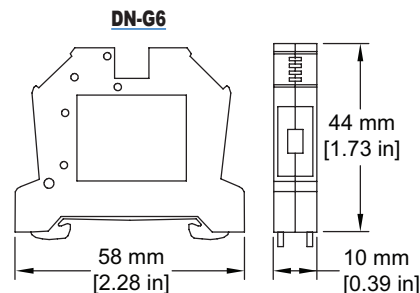
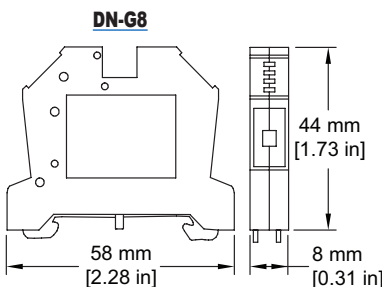
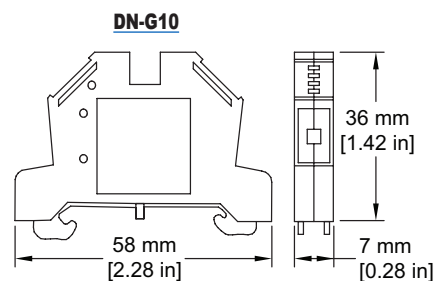
Ordering Information										
	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price	
Green/Yellow Terminal Block	<a href="#">DN-G10</a>	50	\$197.00	<a href="#">DN-G8</a>	50	\$233.00	<a href="#">DN-G6</a>	50	\$319.00	
	<a href="#">DN-G10-10</a>	10	\$39.00	<a href="#">DN-G8-10</a>	10	\$76.00	<a href="#">DN-G6-10</a>	10	\$65.00	
Technical Specifications										
Stripping Length	10mm [0.39 in]			12mm [0.47 in]			13mm [0.51]			
Tightening Torque	0.8 N·m [7 lb·in]			1.1 N·m [10 lb·in]			2.3 N·m [20 lb·in]			
Ground Screw Torque	-			0.8 N·m [7 lb·in]			-			
Density	142/m [43 pcs/ft]			125/m [38 pcs/ft]			100/m [30 pcs/ft]			
UL Approval*	-	-	24-10 AWG	-	-	22-8 AWG	-	-	20-6 AWG	
VDE Approval	-	-	4mm <sup>2</sup>	-	-	6mm <sup>2</sup>	-	-	10mm <sup>2</sup>	
Operating Temperature	Ambient air temperature: -20 to 105°C [-4w to 221°F] / Relative humidity: 50% max at 40°C [104°F]; 90% max at 20°C [68°F]									
SCCR Rating	10kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components									
CE Conformity	CE (EN 60947-1 / EN 60947-7-2)									
Agency File #	UL E179129 / LR84816									
Accessories										
35mm DIN Rail	7.5 mm high	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00
		<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00
	15mm high	<a href="#">DN-R35HS1</a>	10	\$68.00	<a href="#">DN-R35HS1</a>	10	\$68.00	<a href="#">DN-R35HS1</a>	10	\$68.00
		<a href="#">DN-R35HS1-2</a>	2	\$16.50	<a href="#">DN-R35HS1-2</a>	2	\$16.50	<a href="#">DN-R35HS1-2</a>	2	\$16.50
Angled Support Bracket	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	
Marking Tags	DN-L** or DN-LT***	500/100	various	DN-L** or DN-LT***	500/100	various	DN-L** or DN-LT***	500/100	various	

\*For copper wire only

\*\*On lever arm

\*\*\*On terminal body

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



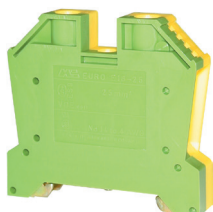


# Ground Terminal Blocks

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



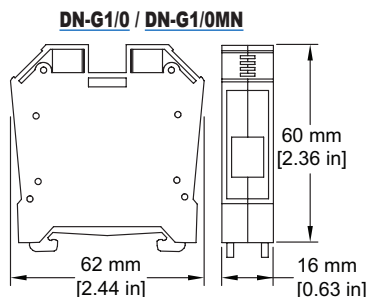
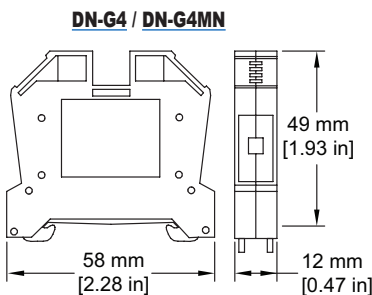
Ordering Information							
	Part Number	Qty	Price	Part Number	Qty	Price	
Green/Yellow Block	<b>DN-G4</b>	25	\$197.00	<b>DN-G1/0</b>	25	\$248.00	
	<b>DN-G4MN</b>	8	\$45.50	<b>DN-G1/0MN</b>	5	\$41.00	
Technical Specifications							
Stripping Length	14mm [0.55 in]			18mm [0.71 in]			
Tightening Torque	3.4 N·m [30 lb·in]			5.1 N·m [45 lb·in]			
Ground Screw Torque	1.1 N·m [10 lb·in]			1.1 N·m [10 lb·in]			
Density	83/m [25 pcs/ft]			62/m [19 pcs/ft]			
UL Approval*	-		14-4 AWG	-	-	14-1/0 AWG	
VDE Approval	-	-	25mm <sup>2</sup>	-	-	35mm <sup>2</sup>	
SCCR Rating	10kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components						
CE Conformity	CE (EN 60947-1 / 60947-7-2)						
Agency File #	UL E179129 / LR84816						
Accessories							
35mm DIN Rail	7.5 mm high	<b>DN-R35S1</b>	10	\$39.00	<b>DN-R35S1</b>	10	\$39.00
		<b>DN-R35S1-2</b>	2	\$11.00	<b>DN-R35S1-2</b>	2	\$11.00
	15mm high	<b>DN-R35HS1</b>	10	\$68.00	<b>DN-R35HS1</b>	10	\$68.00
		<b>DN-R35HS1-2</b>	2	\$16.50	<b>DN-R35HS1-2</b>	2	\$16.50
Angled Support Bracket	<b>DN-ASB1</b>	50	\$107.00	<b>DN-ASB1</b>	50	\$107.00	
Marking Tags	DN-L** or DN-LT***	500/100	various	DN-L** or DN-LT***	500/100	various	

\*For copper wire only

\*\*On lever arm

\*\*\*On terminal body

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




**DINnectors® Accessories**

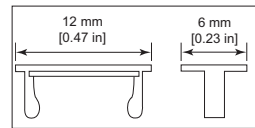
## Marking Tags Cross Reference Charts - Screw-type

<b>DINector Marking Tags Cross Reference - Screw-type</b>					
<i>Block Type</i>	<i>DN-L</i>	<i>DN-LA</i>	<i>DN-LT</i>	<i>DN-LAT</i>	<i>DN-EMLBL</i>
<i>DN-T12</i>	-	X	X	-	-
<i>DN-T10</i>	X	-	X	-	-
<i>DN-T8</i>	X	-	X	-	-
<i>DN-T6</i>	X	-	X	-	-
<i>DN-T4</i>	X	-	X	-	-
<i>DN-T1/0</i>	X	-	X	-	-
<i>DN-T3/0</i>	X	-	X	-	-
<i>DN-D10</i>	X	-	X	-	-
<i>DN-D10X</i>	X	-	X	-	-
<i>DN-D10LED</i>	X	-	X	-	-
<i>DN-D10DR</i>	X	-	X	-	-
<i>DN-TL14</i>	-	-	-	X	-
<i>DN-THERM</i>	X	-	X	-	-
<i>DN-EMXM1</i>	-	X	X	-	X
<i>DN-EMXDV</i>	-	X	X	-	X
<i>DN-M10</i>	-	-	X	-	-
<i>DN-MG10</i>	-	-	X	-	-
<i>DN-G10</i>	X	-	X	-	-
<i>DN-G8</i>	X	-	X	-	-
<i>DN-G6</i>	X	-	X	-	-
<i>DN-G4</i>	X	-	X	-	-
<i>DN-G1/0</i>	X	-	X	-	-
<i>DN-F6</i>	X	-	X	-	-
<i>DN-F10</i>	X	-	X	-	-
<i>DN-DIS2</i>	-	X	X	-	-
<i>DN-DIS4</i>	X	-	X	-	-
<i>DN-FE2</i>	-	X	X	-	-
<i>DN-FE4</i>	X	-	X	-	-
<i>DN-DIS10</i>	X	-	X	-	-
<i>DN-KBD12</i>	-	X	X	-	-

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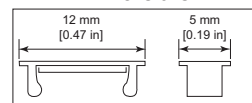
## Marking Tags

Marking Tags DN-L Series			
Part Number	Marking Sequence	Qty	Price
<a href="#">DN-L50</a>	1-50	500	\$56.00
<a href="#">DN-L100</a>	51-100	500	\$56.00
<a href="#">DN-L150</a>	101-150	500	\$56.00
<a href="#">DN-L200</a>	151-200	500	\$56.00
<a href="#">DN-L250</a>	201-250	500	\$56.00
<a href="#">DN-L300</a>	251-300	500	\$56.00
<a href="#">DN-L350</a>	301-350	500	\$56.00
<a href="#">DN-L400</a>	351-400	500	\$56.00
<a href="#">DN-L450</a>	401-450	500	\$56.00
<a href="#">DN-LB</a>	Blank	500	\$38.00
<a href="#">DN-LS</a>	L1, L2, L3, L, N, GND, +, -, COM, COM*	500	\$56.00

**Dimensions**


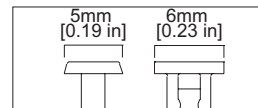
- The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500.
- The DN-L tags fit all DINnectors 6mm wide and wider.
- There will be a gap between tags on blocks wider than 6mm.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-LA Series			
Part Number	Marking Sequence	Qty	Price
<a href="#">DN-LA100</a>	1-100	500	\$56.00
<a href="#">DN-LA200</a>	101-200	500	\$56.00
<a href="#">DN-LA300</a>	201-300	500	\$56.00
<a href="#">DN-LA400</a>	301-400	500	\$56.00
<a href="#">DN-LAB</a>	Blank Tags	500	\$56.00
<a href="#">DN-LAS</a>	L1, L2, L3, L, N, GND, +, -, COM, COM*	500	\$56.00

**Dimensions**


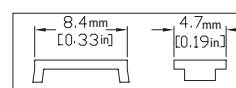
- The marking sequence of 100 tags (i.e. 1-100) is printed five times in each package of 500.
- The DN-LA tags fit all DINnectors 5mm wide and wider. There will be a gap between tags on blocks wider than 5mm.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-LAT Series			
Part Number	Marking Sequence	Qty	Price
<a href="#">DN-LAT100-A</a>	1-100	500	\$49.00
<a href="#">DN-LAT200-A</a>	101-200	500	\$49.00
<a href="#">DN-LAT300-A</a>	201-300	500	\$49.00
<a href="#">DN-LAT400-A</a>	301-400	500	\$49.00
<a href="#">DN-LAT500-A</a>	401-500	500	\$49.00
<a href="#">DN-LAT600-A</a>	501-600	500	\$49.00
<a href="#">DN-LATB-A</a>	Blank Tags	500	\$35.50
<a href="#">DN-LATS-A</a>	L1, L2, L3, L, N, +, -, COM, COM*	500	\$49.00

**Dimensions**


- The marking sequence of 500 tags (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-QL Series			
Part Number	Marking Sequence	Qty	Price
<a href="#">DN-QL100</a>	1-100	500	\$42.50
<a href="#">DN-QL200</a>	101-200	500	\$42.50
<a href="#">DN-QL300</a>	201-300	500	\$42.50
<a href="#">DN-QL400</a>	301-400	500	\$42.50
<a href="#">DN-QL500</a>	401-500	500	\$42.50
<a href="#">DN-QLB</a>	Blank Tags	500	\$36.00
<a href="#">DN-QLS</a>	L1, L2, L3, L, N, +, -, COM, COM*	500	\$49.00

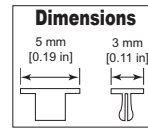
**Dimensions**


- The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

# DINnectors® Accessories

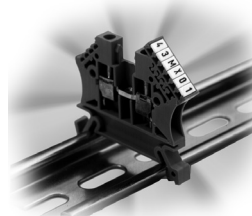
## Marking Tags continued

Marking Tags DN-LT Series			
Part Number	Marking Sequence	Qty	Price
<a href="#">DN-LT15</a>	1-5	100	\$10.00
<a href="#">DN-LT60</a>	6-0	100	\$10.00
<a href="#">DN-LT1</a>	1	100	\$10.00
<a href="#">DN-LT2</a>	2	100	\$10.00
<a href="#">DN-LT3</a>	3	100	\$10.00
<a href="#">DN-LT4</a>	4	100	\$10.00
<a href="#">DN-LT5</a>	5	100	\$10.00
<a href="#">DN-LT6</a>	6	100	\$10.00
<a href="#">DN-LT7</a>	7	100	\$10.00
<a href="#">DN-LT8</a>	8	100	\$10.00
<a href="#">DN-LT9</a>	9	100	\$10.00
<a href="#">DN-LT0</a>	0	100	\$10.00
<a href="#">DN-LTBLNK</a>	Unprinted	100	\$10.00
<a href="#">DN-LTA</a>	A	100	\$10.00
<a href="#">DN-LTB</a>	B	100	\$10.00
<a href="#">DN-LTC</a>	C	100	\$10.00
<a href="#">DN-LTD</a>	D	100	\$10.00
<a href="#">DN-LTE</a>	E	100	\$10.00
<a href="#">DN-LTF</a>	F	100	\$10.00
<a href="#">DN-LTG</a>	G	100	\$10.00
<a href="#">DN-LTH</a>	H	100	\$10.00
<a href="#">DN-LTI</a>	I	100	\$10.00
<a href="#">DN-LTJ</a>	J	100	\$10.00
<a href="#">DN-LTK</a>	K	100	\$10.00
<a href="#">DN-LTL</a>	L	100	\$10.00
<a href="#">DN-LTM</a>	M	100	\$10.00
<a href="#">DN-LTN</a>	N	100	\$10.00
-	-	-	-
<a href="#">DN-LTP</a>	P	100	\$10.00
<a href="#">DN-LTQ</a>	Q	100	\$10.00
<a href="#">DN-LTR</a>	R	100	\$10.00
<a href="#">DN-LTS</a>	S	100	\$10.00
<a href="#">DN-LTT</a>	T	100	\$10.00
<a href="#">DN-LTU</a>	U	100	\$10.00
<a href="#">DN-LTV</a>	V	100	\$10.00
<a href="#">DN-LTW</a>	W	100	\$10.00
<a href="#">DN-LTX</a>	X	100	\$10.00
<a href="#">DN-LTY</a>	Y	100	\$10.00
<a href="#">DN-LTZ</a>	Z	100	\$10.00
<a href="#">DN-LTGND</a>	⊕	100	\$10.00
<a href="#">DN-LTPOS</a>	+	100	\$10.00
<a href="#">DN-LTNEG</a>	-	100	\$10.00
<a href="#">DN-LTAC</a>	~	100	\$10.00
<a href="#">DN-LTDC</a>	=	100	\$10.00

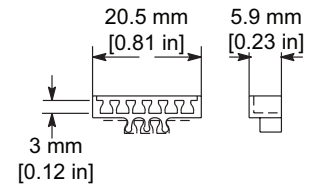


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

### DN-MTA marking tag adapter



### DN-MTA dimensions

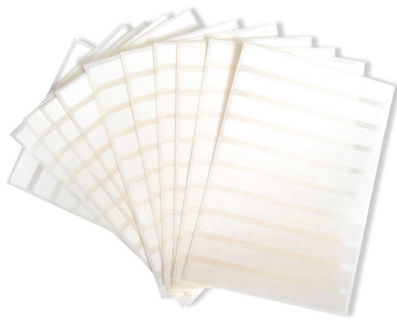


Part Number	Description	Qty	Price
<a href="#">DN-MTA</a>	Marking tag adapter holds up to six DN-LT tags	50	\$14.50

Note: [DN-MTA](#) adapter does not fit [DN-T12-A](#) terminal blocks.

# DINnectors® Accessories

## Terminal Marking Accessories



**DN-EMLBL1**



**DN-EMLBL2**



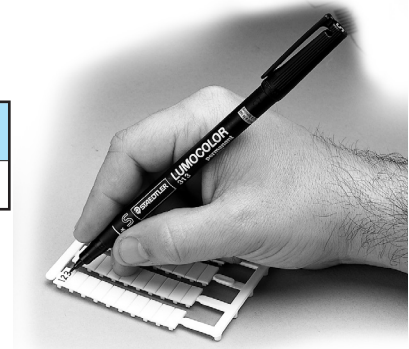
**DN-EMLBL3**

Part Number	Description	For Use With	Qty	Price
<b>DN-EMLBL1</b>	Blank labels	DN-EMPEG1 pin protectors for DN-xEMxx plug-in terminal blocks	100	\$9.25
<b>DN-EMLBL2</b>	Labels printed 1 – 12		100	\$13.00
<b>DN-EMLBL3</b>	Labels printed 13 – 24		100	\$13.00

## 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 Number	Description	Qty	Price
<b>DN-MP</b>	Staedtler-Mars marking pen, for use with blank marking tags. Permanent Ink, fine tip.	1	\$4.50



**Marking pen**

## Wire Marking Accessories



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

Part Number	Description	For Use With	Qty	Price
<b>DN-WMTAG1</b>	Wire tag – blank	all DN-WM-x wire tag holders	525	\$60.00
<b>DN-WM-1</b>	Wire tag holder, clear, 12mm length, 0.051–0.118 in diameter; for 22–16 AWG wire	<b>DN-WMTAG1</b>	200	\$12.50
<b>DN-WM-2</b>	Wire tag holder, clear, 12mm length, 0.098–0.196 in diameter; for 16–11 AWG wire		200	\$12.50
<b>DN-WM-3</b>	Wire tag holder, clear, 12mm length, 0.157–0.393 in diameter; for 13–5 AWG wire		100	\$8.25
<b>DN-WM-4</b>	Wire tag holder, clear, 12mm length, 0.314–0.629 in diameter; for 5AWG wire		100	\$7.75