

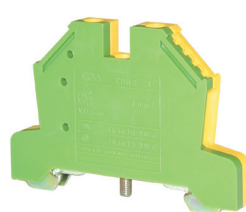


Ground Terminal Blocks

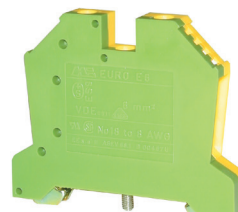
Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

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

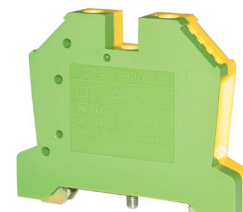
Ground blocks are molded in green and yellow per international standards and are 35mm DIN rail mountable.



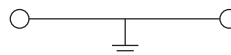
DN-G10
Series: EURO E4/35



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	DN-G10	50	\$;007zt:	DN-G8	50	\$;007zz:	DN-G6	50	\$;007zx:
	DN-G10-10	10	\$;07zu:	DN-G8-10	10	\$;07zj:	DN-G6-10	10	\$;07zy:

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 ²	—	—	6mm ²	—	—	10mm ²
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

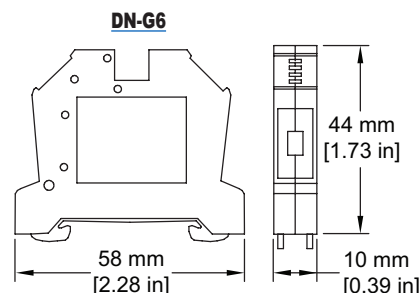
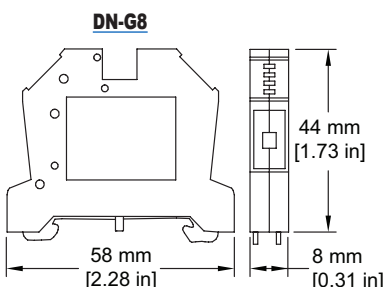
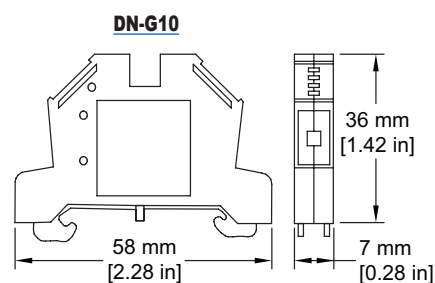
35mm DIN Rail	7.5 mm high	DN-R35S1	10	\$-07lx:	DN-R35S1	10	\$-07lx:	DN-R35S1	10	\$-07lx:
		DN-R35S1-2	2	\$-07ly:	DN-R35S1-2	2	\$-07ly:	DN-R35S1-2	2	\$-07ly:
	15mm high	DN-R35HS1	10	\$-07lu:	DN-R35HS1	10	\$-07lu:	DN-R35HS1	10	\$-07lu:
		DN-R35HS1-2	2	\$-07lv:	DN-R35HS1-2	2	\$-07lv:	DN-R35HS1-2	2	\$-07lv:
Angled Support Bracket		DN-ASB1	50	\$-007lk:	DN-ASB1	50	\$-007lk:	DN-ASB1	50	\$-007lk:
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.



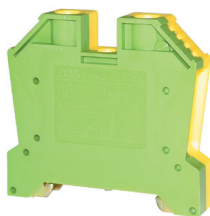


Ground Terminal Blocks

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	DN-G4	25	\$007zv:	DN-G1/0	25	\$007zs:
	DN-G4MN	8	\$.05jh:	DN-G1/0MN	5	\$.05jg:

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	–	–	25mm²	–	–	35mm²
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	<u>DN-R35S1</u>	10	\$-07lx:	<u>DN-R35S1</u>	10	\$-07lx:
		<u>DN-R35S1-2</u>	2	\$-07ly:	<u>DN-R35S1-2</u>	2	\$-07ly:
	15mm high	<u>DN-R35HS1</u>	10	\$-07lu:	<u>DN-R35HS1</u>	10	\$-07lu:
		<u>DN-R35HS1-2</u>	2	\$-07lv:	<u>DN-R35HS1-2</u>	2	\$-07lv:
Angled Support Bracket		<u>DN-ASB1</u>	50	\$-007lk:	<u>DN-ASB1</u>	50	\$-007lk:
Marking Tags		DN-L ** or DN-LT***	500/100	various	DN-L ** or DN-LT***	500/100	various

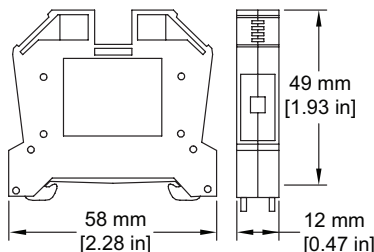
*For copper wire only

**On lever arm

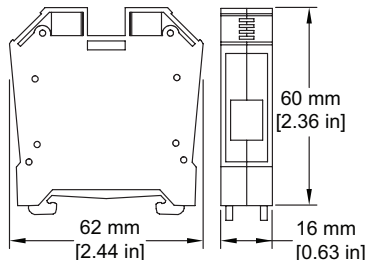
***On terminal body

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

DN-G4 / DN-G4MN



DN-G1/0 / DN-G1/0MN



 DINnectors® Accessories

Marking Tags Cross Reference Charts - Screw-type

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

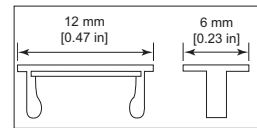
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Marking Tags

Marking Tags DN-L Series

Part Number	Marking Sequence	Qty	Price
<u>DN-L50</u>	1-50	500	\$07vp:
<u>DN-L100</u>	51-100	500	\$07vg:
<u>DN-L150</u>	101-150	500	\$07vh:
<u>DN-L200</u>	151-200	500	\$-07vi:
<u>DN-L250</u>	201-250	500	\$-07vj:
<u>DN-L300</u>	251-300	500	\$07vk:
<u>DN-L350</u>	301-350	500	\$-07vl:
<u>DN-L400</u>	351-400	500	\$07vn:
<u>DN-L450</u>	401-450	500	\$07vo:
<u>DN-LB</u>	Blank	500	\$07vq:
<u>DN-LS</u>	L1, L2, L3, L, N, GND, +, -, COM, COM*	500	\$07vs:

Dimensions

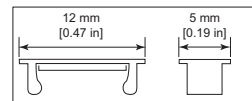


- The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500.
- The DN-L tags fit all DINnectors 6mm wide and wider.
- There will be a gap between tags on blocks wider than 6mm.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-LA Series

Part Number	Marking Sequence	Qty	Price
<u>DN-LA100</u>	1-100	500	\$;07u!:
<u>DN-LA200</u>	101-200	500	\$07u?:
<u>DN-LA300</u>	201-300	500	\$;07u,::
<u>DN-LA400</u>	301-400	500	\$07v0:
<u>DN-LAB</u>	Blank Tags	500	\$07v1:
<u>DN-LAS</u>	L1, L2, L3, L, N, GND, +, -, COM, COM*	500	\$07v2:

Dimensions

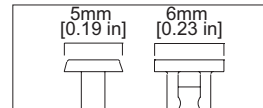


- The marking sequence of 100 tags (i.e. 1-100) is printed five times in each package of 500.
- The DN-LA tags fit all DINnectors 5mm wide and wider. There will be a gap between tags on blocks wider than 5mm.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-LAT Series

Part Number	Marking Sequence	Qty	Price
<u>DN-LAT100-A</u>	1-100	500	\$07v4:
<u>DN-LAT200-A</u>	101-200	500	\$07v6:
<u>DN-LAT300-A</u>	201-300	500	\$07v8:
<u>DN-LAT400-A</u>	301-400	500	\$07va:
<u>DN-LAT500-A</u>	401-500	500	\$07vb:
<u>DN-LAT600-A</u>	501-600	500	\$07vc:
<u>DN-LATB-A</u>	Blank Tags	500	\$07vd:
<u>DN-LATS-A</u>	L1, L2, L3, L, N, +, -, COM, COM*	500	\$;07vf:

Dimensions

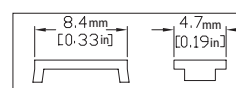


- The marking sequence of 500 tags (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-QL Series

Part Number	Marking Sequence	Qty	Price
<u>DN-QL100</u>	1-100	500	\$059o:
<u>DN-QL200</u>	101-200	500	\$059p:
<u>DN-QL300</u>	201-300	500	\$059q:
<u>DN-QL400</u>	301-400	500	\$059s:
<u>DN-QL500</u>	401-500	500	\$;059t:
<u>DN-QLB</u>	Blank Tags	500	\$059u:
<u>DN-QLS</u>	L1, L2, L3, L, N, +, -, COM, COM*	500	\$059v:

Dimensions

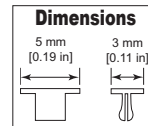


- The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

DINnectors® Accessories

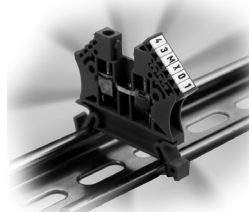
Marking Tags continued

Marking Tags DN-LT Series			
Part Number	Marking Sequence	Qty	Price
DN-LT15	1-5	100	\$07vv:
DN-LT60	6-0	100	\$07v_:
DN-LT1	1	100	\$07vu:
DN-LT2	2	100	\$07vx:
DN-LT3	3	100	\$07vy:
DN-LT4	4	100	\$07vz:
DN-LT5	5	100	\$07v[:
DN-LT6	6	100	\$07v[:
DN-LT7	7	100	\$07v#:
DN-LT8	8	100	\$07v!:
DN-LT9	9	100	\$07v?:
DN-LT0	0	100	\$07vt:
DN-LTBLNK	Unprinted	100	\$07x2:
DN-LTA	A	100	\$07v,:
DN-LTB	B	100	\$07x1:
DN-LTC	C	100	\$07x3:
DN-LTD	D	100	\$07x4:
DN-LTE	E	100	\$07x6:
DN-LTF	F	100	\$07x7:
DN-LTG	G	100	\$07x8:
DN-LTH	H	100	\$07xa:
DN-LTI	I	100	\$07xb:
DN-LTJ	J	100	\$07xc:
DN-LTK	K	100	\$07xd:
DN-LTL	L	100	\$07xe:
DN-LTM	M	100	\$07xf:
DN-LTN	N	100	\$07xg:
-	-	-	-
DN-LTP	P	100	\$07xi:
DN-LTQ	Q	100	\$07xk:
DN-LTR	R	100	\$07xl:
DN-LTS	S	100	\$07xn:
DN-LTT	T	100	\$07xo:
DN-LTU	U	100	\$07xp:
DN-LTV	V	100	\$07xq:
DN-LTW	W	100	\$07xs:
DN-LTX	X	100	\$07xt:
DN-LTY	Y	100	\$07xu:
DN-LTZ	Z	100	\$07xv:
DN-LTGND	⊕	100	\$07x9:
DN-LTPOS	+	100	\$07xj:
DN-LTNEG	-	100	\$07xh:
DN-LTAC	~	100	\$07x0:
DN-LTDC	=	100	\$07x5:

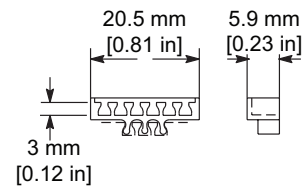


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

DN-MTA marking tag adapter



DN-MTA dimensions



Part Number	Description	Qty	Price
DN-MTA	Marking tag adapter holds up to six DN-LT tags	50	\$07xx:

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
DN-EMLBL1	Blank labels	DN-EMPEG1 pin protectors for DN-xEMXxx plug-in terminal blocks	100	\$059k:
DN-EMLBL2	Labels printed 1 – 12		100	\$-059l:
DN-EMLBL3	Labels printed 13 – 24		100	\$059n:

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
DN-MP	Staedtler-Mars marking pen, for use with blank marking tags. Permanent Ink, fine tip.	1	\$,86]:

**Marking pen**

Wire Marking Accessories

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

Part Number	Description	For Use With	Qty	Price
DN-WMTAG1	Wire tag – blank	all DN-WM-x wire tag holders	525	\$059x:
DN-WM-1	Wire tag holder, clear, 12mm length, 0.051–0.118 in diameter; for 22–16 AWG wire	DN-WMTAG1	200	\$0edg:
DN-WM-2	Wire tag holder, clear, 12mm length, 0.098–0.196 in diameter; for 16–11 AWG wire		200	\$0edh:
DN-WM-3	Wire tag holder, clear, 12mm length, 0.157–0.393 in diameter; for 13–5 AWG wire		100	\$-edi:
DN-WM-4	Wire tag holder, clear, 12mm length, 0.314–0.629 in diameter; for 5AWG wire		100	\$-edj: