



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.



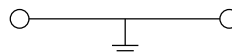
DN-G10
Series: EURO E4/35



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	\$197.00	DN-G8	50	\$233.00	DN-G6	50	\$319.00
	DN-G10-10	10	\$39.00	DN-G8-10	10	\$76.00	DN-G6-10	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 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

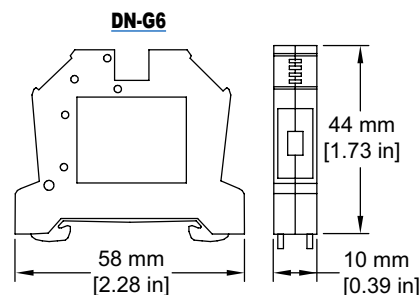
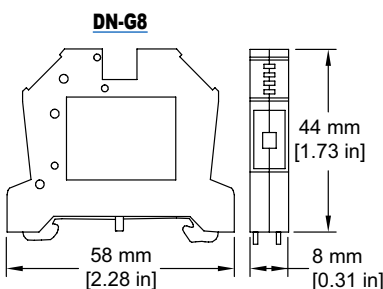
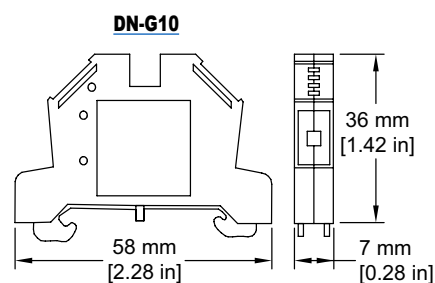
35mm DIN Rail	7.5 mm high	DN-R35S1	10	\$39.00	DN-R35S1	10	\$39.00	DN-R35S1	10	\$39.00
		DN-R35S1-2	2	\$11.00	DN-R35S1-2	2	\$11.00	DN-R35S1-2	2	\$11.00
	15mm high	DN-R35HS1	10	\$68.00	DN-R35HS1	10	\$68.00	DN-R35HS1	10	\$68.00
		DN-R35HS1-2	2	\$16.50	DN-R35HS1-2	2	\$16.50	DN-R35HS1-2	2	\$16.50
Angled Support Bracket		DN-ASB1	50	\$107.00	DN-ASB1	50	\$107.00	DN-ASB1	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.



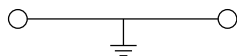

DINnectors®

Ground Terminal Blocks

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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	\$197.00	DN-G1/0	25	\$248.00
	DN-G4MN	8	\$45.50	DN-G1/0MN	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	–	–	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	DN-R35S1	10	\$39.00	DN-R35S1	10	\$39.00
		DN-R35S1-2	2	\$11.00	DN-R35S1-2	2	\$11.00
	15mm high	DN-R35HS1	10	\$68.00	DN-R35HS1	10	\$68.00
		DN-R35HS1-2	2	\$16.50	DN-R35HS1-2	2	\$16.50
Angled Support Bracket		DN-ASB1	50	\$107.00	DN-ASB1	50	\$107.00
Marking Tags		DN-L** or DN-LT***	500/100	various	DN-L** or DN-LT***	500/100	various

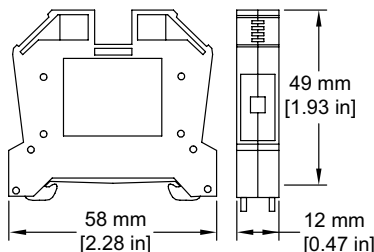
*For copper wire only

**On lever arm

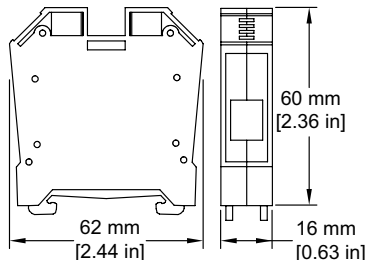
***On terminal body

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

DN-G4 / DN-G4MN



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





Marking Tags Cross Reference Charts - Screw-type

DINector Marking Tags Cross Reference - Screw-type					
Block Type	DN-L	DN-LA	DN-LT	DN-LAT	DN-EMLBL
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	–	–

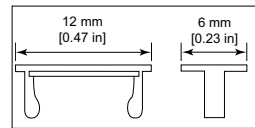
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Marking Tags

Marking Tags DN-L Series

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

Dimensions

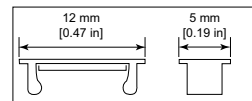


- The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500.
- The DN-L tags fit all DINnectors 6mm wide and wider.
- There will be a gap between tags on blocks wider than 6mm.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-LA Series

Part Number	Marking Sequence	Qty	Price
DN-LA100	1-100	500	\$56.00
DN-LA200	101-200	500	\$56.00
DN-LA300	201-300	500	\$56.00
DN-LA400	301-400	500	\$56.00
DN-LAB	Blank Tags	500	\$56.00
DN-LAS	L1, L2, L3, L, N, GND, +, -, COM, COM*	500	\$56.00

Dimensions

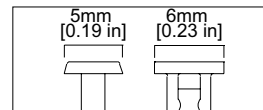


- The marking sequence of 100 tags (i.e. 1-100) is printed five times in each package of 500.
- The DN-LA tags fit all DINnectors 5mm wide and wider. There will be a gap between tags on blocks wider than 5mm.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-LAT Series

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

Dimensions

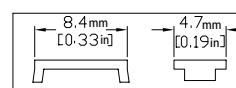


- The marking sequence of 500 tags (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

Marking Tags DN-QL Series

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

Dimensions

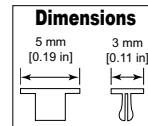


- The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

DINnectors Accessories

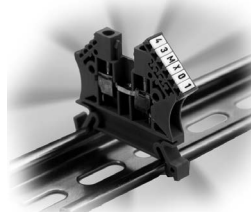
Marking Tags continued

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

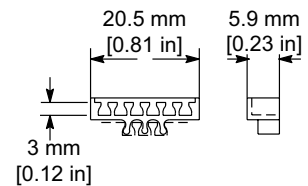


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

DN-MTA marking tag adapter



DN-MTA dimensions



Part Number	Description	Qty	Price
DN-MTA	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
DN-EMLBL1	Blank labels	DN-EMPEG1 pin protectors for DN-xEMXxx plug-in terminal blocks	100	\$9.25
DN-EMLBL2	Labels printed 1 – 12		100	\$13.00
DN-EMLBL3	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
DN-MP	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
DN-WMTAG1	Wire tag – blank	all DN-WM-x wire tag holders	525	\$60.00
DN-WM-1	Wire tag holder, clear, 12mm length, 0.051–0.118 in diameter; for 22–16 AWG wire	DN-WMTAG1	200	\$12.50
DN-WM-2	Wire tag holder, clear, 12mm length, 0.098–0.196 in diameter; for 16–11 AWG wire		200	\$12.50
DN-WM-3	Wire tag holder, clear, 12mm length, 0.157–0.393 in diameter; for 13–5 AWG wire		100	\$8.25
DN-WM-4	Wire tag holder, clear, 12mm length, 0.314–0.629 in diameter; for 5AWG wire		100	\$7.75