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.

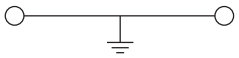
Note: The use of an end bracket is not required when a ground block is positioned at the end of a terminal block assembly.

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

DN-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

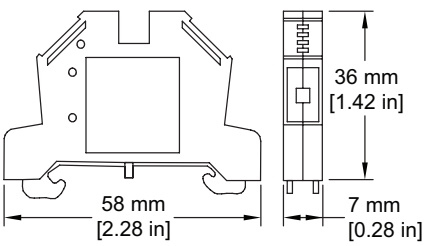
Stripping Length	10mm [0.39 in]			12mm [0.47 in]			13mm [0.51]		
Tightening Torque	0.8 N·m [7 lb·in]			1.1 N·m [10 lb·in]			2.3 N·m [20 lb·in]		
Ground Screw Torque	–			0.8 N·m [7 lb·in]			–		
Density	142/m [43 pcs/ft]			125/m [38 pcs/ft]			100/m [30 pcs/ft]		
UL Approval*	–	–	24-10 AWG	–	–	22-8 AWG	–	–	20-6 AWG
CSA Approval	–	–	18-12 AWG	–	–	18-8 AWG	–	–	18-6 AWG
VDE Approval	–	–	4mm²	–	–	6mm²	–	–	10mm²
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

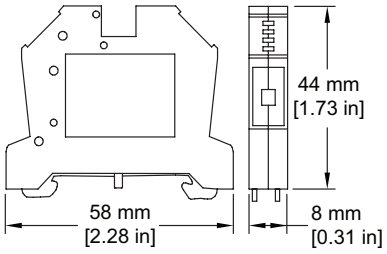
35mm DIN Rail	***7.5 mm high***	***DN-R35S1***	10	$39.00	***DN-R35S1***	10	$39.00	***DN-R35S1***	10	$39.00
		DN-R35S1-2	2	$11.00	***DN-R35S1-2***	2	$11.00	***DN-R35S1-2***	2	$11.00
	15mm high	***DN-R35HS1***	10	$68.00	***DN-R35HS1***	10	$68.00	***DN-R35HS1***	10	$68.00
		DN-R35HS1-2	2	$16.50	***DN-R35HS1-2***	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 DIN*nector*s Accessories section of this chapter.

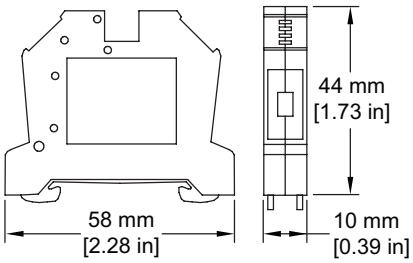
DN-G10



DN-G8



DN-G6

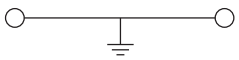


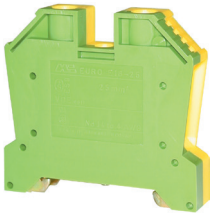
DINnectors® Ground Terminal Blocks

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	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

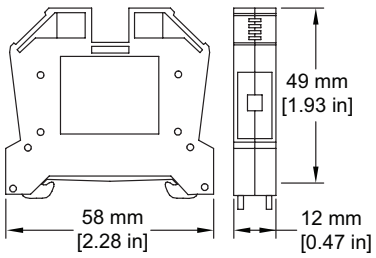
Stripping Length	14mm [0.55 in]			18mm [0.71]		
Tightening Torque	3.4 N·m [30 lb·in]			5.1 N·m [45 lb·in]		
Ground Screw Torque	1.1 N·m [10 lb·in]			1.1 N·m [10 lb·in]		
Density	83/m [25 pcs/ft]			62/m [19 pcs/ft]		
UL Approval*	–		14-4 AWG	–	–	14-1/0 AWG
CSA Approval	–	–	14-4 AWG	–	–	14-1/0 AWG
VDE 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

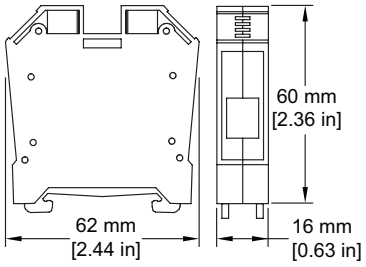
35mm DIN Rail	7.5 mm high	DN-R35S1	10	$39.00	DN-R35S1	10	$39.00
		DN-R35S1-2	2	$11.00	DN-R35S1-2	2	$11.00
	15mm high	DN-R35HS1	10	$68.00	DN-R35HS1	10	$68.00
		DN-R35HS1-2	2	$16.50	DN-R35HS1-2	2	$16.50
Angled Support Bracket		DN-ASB1	50	$107.00	DN-ASB1	50	$107.00
Marking Tags		DN-L** or DN-LT***	500/100	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 DIN*nector*s Accessories section of this chapter.

DN-G4 / DN-G4MN



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



DINnectors® Accessories

Marking Tags Cross Reference Charts - Screw-type

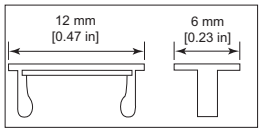
DIN*nector* Marking Tags Cross Reference - Screw-type					
Block Type	***DN-L***	***DN-LA***	***DN-LT***	***DN-LAT***	***DN-EMLBL***
DN-T12	–	X	X	–	–
DN-T10	X	–	X	–	–
DN-T8	X	–	X	–	–
DN-T6	X	–	X	–	–
DN-T4	X	–	X	–	–
DN-T1/0	X	–	X	–	–
DN-T3/0	X	–	X	–	–
DN-D10	X	–	X	–	–
DN-D10X	X	–	X	–	–
DN-D10LED	X	–	X	–	–
DN-D10DR	X	–	X	–	–
DN-TL14	–	–	–	X	–
DN-THERM	X	–	X	–	–
DN-EMXM1	–	X	X	–	X
DN-EMXDV	–	X	X	–	X
DN-M10	–	–	X	–	–
DN-MG10	–	–	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	–	–

Continued on next page

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

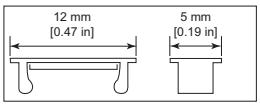
Dimensions



- 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 DIN*nectors* 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

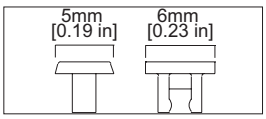
Dimensions



- 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 DIN*nectors* 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

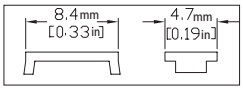
Dimensions



- 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

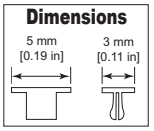


- The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

DINnectors® Accessories

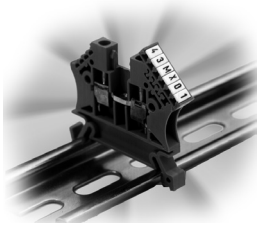
Marking Tags continued

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

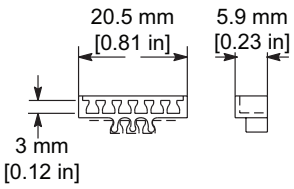


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DIN*nectors* support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

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