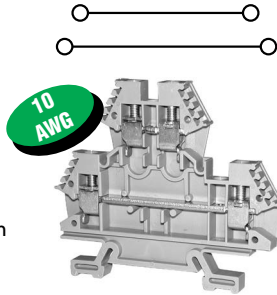
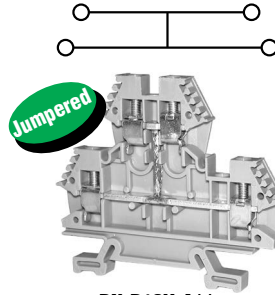


DINnectors® Double-Level Terminal Blocks

- Screw connection terminal
- 35mm DIN-rail mountable
- LVD 2006/95/EC
- DN-D10X-A is supplied with an internal jumper to common all four connection points



DN-D10-A
Series: EURO D 4-2/35

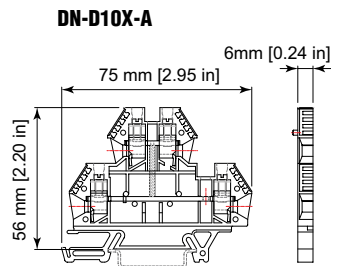
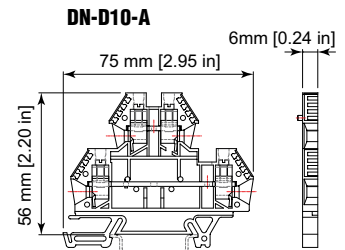


DN-D10X-A**
Series: EURO D 4-2/35

Double-level terminal blocks offer twice the wiring density of feed-through blocks. The DN-D10X-A version is supplied with an internal jumper to common all four of its connection points.

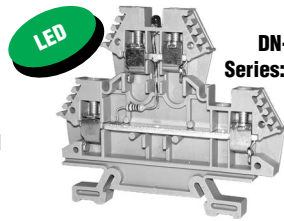
Ordering Information							
Available Colors	Part Number	Pcs/Pkg	Price	Part Number	Pcs/Pkg	Price	
	Gray	DN-D10-A	50	\$79.00	DN-D10X-A	50	\$119.00
	Blue	DN-D10B-A	50	\$82.00			
	Black	DN-D10BLK-A	50	\$82.00			
	Green	DN-D10GRN-A	50	\$82.00			
	Orange	DN-D10ORG-A	50	\$82.00			
	Red	DN-D10RED-A	50	\$82.00			
Yellow	DN-D10YEL-A	50	\$82.00				
Technical Specifications							
Stripping Length	10mm [0.39 in]			10mm [0.39 in]			
Tightening Torque	0.6 N·m [7 lb-in]			0.6 N·m [7 lb-in]			
Density	166/m [50 pcs/ft]			166/m [50 pcs/ft]			
UL Approval*	600V	30A	24-10 AWG	600V	30A	24-10 AWG	
CSA Approval	600V	30A	24-10 AWG	600V	30A	24-10 AWG	
VDE Approval	800V	32A	4mm ²	800V	32A	4mm ²	
Operating Temperature	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]						
SCCR Rating	100kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components						
CE Conformity	CE (EN 60947-1 / EN 60947-7-1)						
Agency File #	UL E179129						
<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							
End Covers	DN-DEC10	50	\$18.50	DN-DEC10	50	\$18.50	
	DN-DEC10MN	10	\$3.75	DN-DEC10MN	10	\$3.75	
Jumpers**	2-pole	DN-2J4Y	100	\$27.50	DN-2J4Y	100	\$27.50
		DN-2J4YMN	25	\$8.25	DN-2J4YMN	25	\$8.25
	3-pole	DN-3J4Y	100	\$44.00	DN-3J4Y	100	\$44.00
		DN-3J4YMN	25	\$12.50	DN-3J4YMN	25	\$12.50
	24-pole	DN-24J4Y	5	\$17.50	DN-24J4Y	5	\$17.50
	Jumper Cutting Tool***	DN-J4CUT	1	\$47.00	DN-J4CUT	1	\$47.00
Top Cover	DN-DC10	100	\$35.00	DN-DC10	100	\$35.00	
	DN-DC10MN	25	\$8.00	DN-DC10MN	25	\$8.00	
Test Plug/Red	DN-TPR	10	\$25.00	DN-TPR	10	\$25.00	
Test Plug/Black	DN-TPB	10	\$25.00	DN-TPB	10	\$25.00	
35mm DIN Rail	7.5 mm high	DN-R35S1	10	\$28.00	DN-R35S1	10	\$28.00
		DN-R35S1-2	2	\$9.25	DN-R35S1-2	2	\$9.25
	15mm high	DN-R35HS1	10	\$50.00	DN-R35HS1	10	\$50.00
		DN-R35HS1-2	2	\$12.50	DN-R35HS1-2	2	\$12.50
End Brackets	DN-EB35	50	\$40.00	DN-EB35	50	\$40.00	
	DN-EB35MN	20	\$18.50	DN-EB35MN	20	\$18.50	
	DN-EB35-A	50	\$28.50	DN-EB35-A	50	\$28.50	
	DN-EB35-A-10	10	\$7.75	DN-EB35-A-10	10	\$7.75	
	DN-QEB35	50	\$25.50	DN-QEB35	50	\$25.50	
	DN-QEB35-10	10	\$7.75	DN-QEB35-10	10	\$7.75	
Angled Support Bracket	DN-ASB1	50	\$50.00	DN-ASB1	50	\$50.00	
Marking Tags	DN-L or DN-LT series	500/100	various	DN-L or DN-LT series	500/100	various	

Dimensions

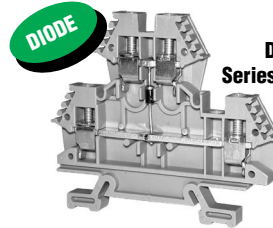


DINnectors® Double-Level Terminal Blocks

- Screw connection terminal
- 35mm DIN-rail mountable
- LVD 2006/95/EC
- Jumpering and testing should be done on bottom level only



LED
DN-D10LED1-A
Series: EURO D 4-2/35



DIODE
DN-D10DR-A
Series: EURO D 4-2/35

Ordering Information							
Color	Gray	Part Number	Pcs/Pkg	Price	Part Number	Price	
		DN-D10LED1-A	10	\$32.00	DN-D10DR-A	\$121.00	
Technical Specifications							
Stripping Length	10mm [0.39 in]			10mm [0.39 in]			
Tightening Torque	0.6 N-m [7 lb-in]			0.6 N-m [7 lb-in]			
Density	166/m [50 pcs/ft]			166/m [50 pcs/ft]			
LED Voltage	12-24 V AC/DC 3.4 kΩ			-			
UL Approval*	600V	30A	24-10 AWG	600V	1A (Diode)	24-10 AWG	
CSA Approval	600V	30A	24-10 AWG	600V	1A (Diode)	24-10 AWG	
VDE Approval	800V	32A	4mm²	800V	1A (Diode)	4mm²	
Operating Temperature	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]						
SCCR Rating	100kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components						
CE Conformity	CE (EN 60947-1 / EN 60947-7-1)						
Agency File #	UL E179129						
<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							
End Covers	DN-DEC10	50	\$18.50	DN-DEC10	50	\$18.50	
	DN-DEC10MN	10	\$3.75	DN-DEC10MN	10	\$3.75	
Jumpers**	2-pole	DN-2J4Y	100	\$27.50	DN-2J4Y	100	\$27.50
		DN-2J4YMN	25	\$8.25	DN-2J4YMN	25	\$8.25
	3-pole	DN-3J4Y	100	\$44.00	DN-3J4Y	100	\$44.00
		DN-3J4YMN	25	\$12.50	DN-3J4YMN	25	\$12.50
	24-pole	DN-24J4Y	100	\$17.50	DN-24J4Y	100	\$17.50
	Jumper Cutting Tool***	DN-J4CUT	1	\$47.00	DN-J4CUT	1	\$47.00
Top Cover	DN-DC10	100	\$35.00	DN-DC10	100	\$35.00	
	DN-DC10MN	25	\$8.00	DN-DC10MN	25	\$8.00	
Test Plug/Red	DN-TPR	10	\$25.00	DN-TPR	10	\$25.00	
Test Plug/Black	DN-TPB	10	\$25.00	DN-TPB	10	\$25.00	
35mm DIN Rail	7.5 mm high	DN-R35S1	10	\$28.00	DN-R35S1	10	\$28.00
		DN-R35S1-2	2	\$9.25	DN-R35S1-2	2	\$9.25
	15mm high	DN-R35HS1	10	\$50.00	DN-R35HS1	10	\$50.00
		DN-R35HS1-2	2	\$12.50	DN-R35HS1-2	2	\$12.50
End Brackets	DN-EB35	50	\$40.00	DN-EB35	50	\$40.00	
	DN-EB35MN	20	\$18.50	DN-EB35MN	20	\$18.50	
	DN-EB35-A	50	\$28.50	DN-EB35-A	50	\$28.50	
	DN-EB35-A-10	10	\$7.75	DN-EB35-A-10	10	\$7.75	
	DN-QEB35	50	\$25.50	DN-QEB35	50	\$25.50	
	DN-QEB35-10	10	\$7.75	DN-QEB35-10	10	\$7.75	
Angled Support Bracket	DN-ASB1	50	\$50.00	DN-ASB1	50	\$50.00	
Marking Tags	DN-L or DN-LT series	500/100	various	DN-L or DN-LT series	500/100	various	

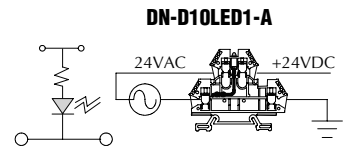
*Copper wire only

**Jumpering and testing should be done on bottom level only.

*** Jumper Cutting Tool DN-J4CUT cuts DN-xJ4Y Series multi-pole jumpers and MAINTAINS THE JUMPER INSULATION. For more information on accessories, see the DINnectors Accessories section of this chapter.

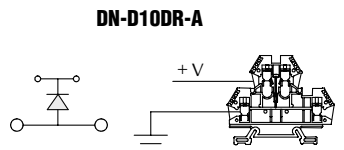
LED terminal blocks

These terminal blocks have built-in LED indicators. The LED illuminates when voltage is present. The LED1 version is for 24V AC/DC circuits, and includes current-limiting elements. **Note: Wire only one supply.**

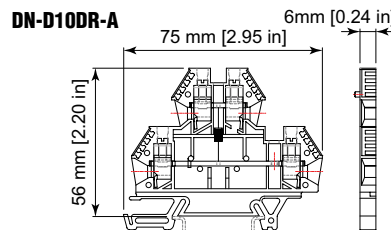
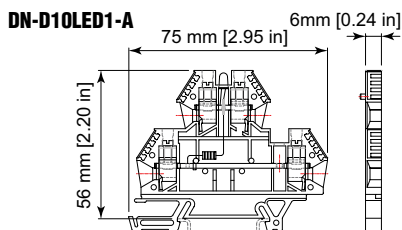


Diode terminal blocks

Typically, an inductive load produces a spike (neg.-going) when it is turned off. These terminal blocks with built-in diodes help protect your PLC's output circuits. The circuit below shows the normal voltages to the load (during ON state). (Please see application note AN-MISC-032 at <http://support.automationdirect.com/docs/an-misc-032.pdf>)

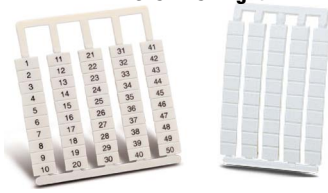


1N4007 Reverse bias diode
(See Diode information located on page eTB-69)



DINnectors[®] Accessories

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



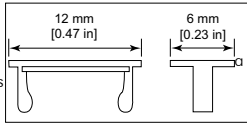
DN-L

- **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	DN-L50	500	\$33.00
51-100	DN-L100	500	\$33.00
101-150	DN-L150	500	\$33.00
151-200	DN-L200	500	\$33.00
201-250	DN-L250	500	\$33.00
251-300	DN-L300	500	\$33.00
301-350	DN-L350	500	\$33.00
351-400	DN-L400	500	\$33.00
401-450	DN-L450	500	\$33.00
Blank	DN-LB	500	\$22.50
L1, L2, L3, L, N, GND, +, -, COM, COM*	DN-LS	500	\$33.00

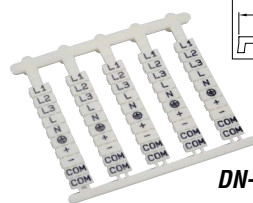
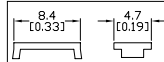
DN-QL

- **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	DN-QL100	500	\$25.50
101-200	DN-QL200	500	\$25.50
201-300	DN-QL300	500	\$25.50
301-400	DN-QL400	500	\$25.50
401-500	DN-QL500	500	\$25.50
Blank Tags	DN-QLB	500	\$22.00
L1, L2, L3, L, N, ⊕, +, -, COM, COM*	DN-QLS	500	\$29.00



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

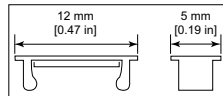
DN-LA

- **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	DN-LA100	500	\$33.00
101-200	DN-LA200	500	\$33.00
201-300	DN-LA300	500	\$33.00
301-400	DN-LA400	500	\$33.00
Blank Tags	DN-LAB	500	\$33.00
L1, L2, L3, L, N, GND, +, -, COM, COM*	DN-LAS	500	\$33.00

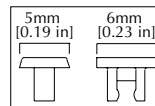
DN-LAT-A

- **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	DN-LAT100-A	500	\$29.00
101-200	DN-LAT200-A	500	\$29.00
201-300	DN-LAT300-A	500	\$29.00
301-400	DN-LAT400-A	500	\$29.00
401-500	DN-LAT500-A	500	\$29.00
501-600	DN-LAT600-A	500	\$29.00
Blank Tags	DN-LATB-A	500	\$21.50
L1, L2, L3, L, N, ⊕, +, -, COM, COM*	DN-LATS-A	500	\$29.00



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

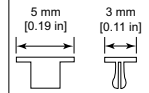
DN-LT

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

DINnectors® Accessories

Terminal Marking Accessories



DN-EMLBL1

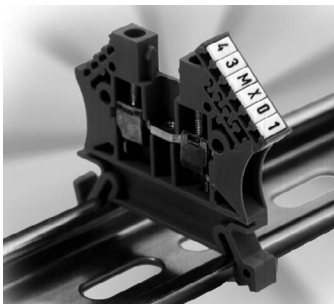


DN-EMLBL2



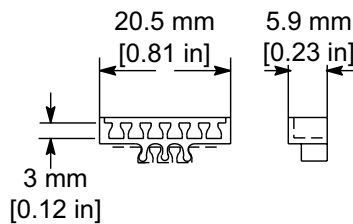
DN-EMLBL3

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



DN-MTA marking tag adapter

DN-MTA dimensions



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