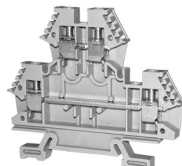
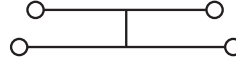
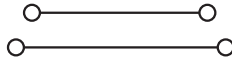


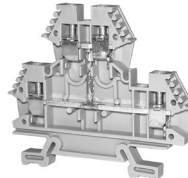


DINnectors® Double-Level Terminal Blocks

- 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

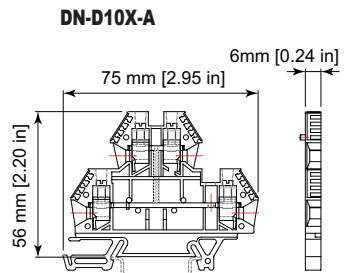
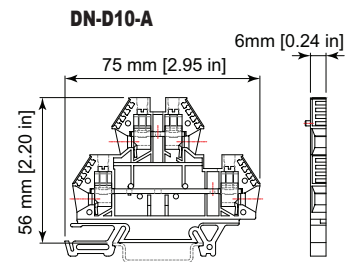


DN-D10X-A**
Series: EURO D 4-2/35

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							
		Part Number	Qty	Price	Part Number	Qty	Price
Available Colors	Gray	DN-D10-A	50		DN-D10X-A	50	
	Blue	DN-D10B-A	50				
	Black	DN-D10BLK-A	50				
	Green	DN-D10GRN-A	50				
	Orange	DN-D10ORG-A	50				
	Red	DN-D10RED-A	50				
	Yellow	DN-D10YEL-A	50				
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 to 105°C [-4 to 221°F] Relative humidity: 50% max at 40°C [104°F]; 90% max at 20°C [68°F]						
SCCR Rating	100kA						
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		DN-DEC10	50	
		DN-DEC10MN	10		DN-DEC10MN	10	
Jumpers**	2-pole	DN-2J4Y	100		DN-2J4Y	100	
		DN-2J4YMN	25		DN-2J4YMN	25	
	3-pole	DN-3J4Y	100		DN-3J4Y	100	
		DN-3J4YMN	25		DN-3J4YMN	25	
	24-pole	DN-24J4Y	5		DN-24J4Y	5	
	Jumper Cutting Tool***		DN-J4CUT	1		DN-J4CUT	1
Top Cover		DN-DC10	100		DN-DC10	100	
		DN-DC10MN	25		DN-DC10MN	25	
Test Plug/Red		DN-TPR	10		DN-TPR	10	
Test Plug/Black		DN-TPB	10		DN-TPB	10	
35mm DIN Rail	7.5 mm high	DN-R35S1	10		DN-R35S1	10	
		DN-R35S1-2	2		DN-R35S1-2	2	
	15mm high	DN-R35HS1	10		DN-R35HS1	10	
		DN-R35HS1-2	2		DN-R35HS1-2	2	
End Brackets		DN-EB35	50		DN-EB35	50	
		DN-EB35MN	20		DN-EB35MN	20	
		DN-EB35-A	50		DN-EB35-A	50	
		DN-EB35-A-10	10		DN-EB35-A-10	10	
		DN-QEB35	50		DN-QEB35	50	
		DN-QEB35-10	10		DN-QEB35-10	10	
Angled Support Bracket		DN-ASB1	50		DN-ASB1	50	
Marking Tags		DN-L or DN-LT series	500/100	various	DN-L or DN-LT series	500/100	various

Dimensions



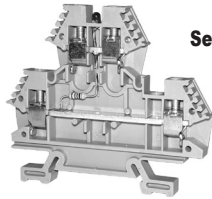
*Copper wire only

**Jumpering and testing should be done on bottom level only for the DN-D10X-A

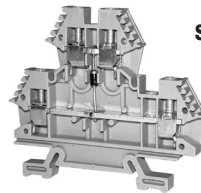
***Jumper Cutting Tool DN-J4CUT cuts DN-xJ4Y Series multi-pole jumpers and maintains the jumper insulation.

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

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



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



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

Ordering Information							
		Part Number	Qty	Price	Part Number	Qty	Price
Color	Gray	DN-D10LED1-A	10		DN-D10DR-A	50	
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	4mm ²	800V	1A (Diode)	4mm ²	
Operating Temperature	Ambient air temperature: -20 to 105°C [-4F to 221°F] Relative humidity: 50% max at 40°C [104°F]; 90% max at 20°C [68°F]						
SCCR Rating	100kA						
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	DN-DEC10		50	
	DN-DEC10MN		10	DN-DEC10MN		10	
Jumpers**	2-pole	DN-2J4Y	100	DN-2J4Y	100		
		DN-2J4YMN	25	DN-2J4YMN	25		
	3-pole	DN-3J4Y	100	DN-3J4Y	100		
		DN-3J4YMN	25	DN-3J4YMN	25		
	24-pole	DN-24J4Y	5	DN-24J4Y	5		
	Jumper Cutting Tool***	DN-J4CUT		1	DN-J4CUT		1
Top Cover	DN-DC10		100	DN-DC10		100	
	DN-DC10MN		25	DN-DC10MN		25	
Test Plug/Red	DN-TPR		10	DN-TPR		10	
Test Plug/Black	DN-TPB		10	DN-TPB		10	
35mm DIN Rail	7.5 mm high	DN-R35S1	10	DN-R35S1	10		
		DN-R35S1-2	2	DN-R35S1-2	2		
	15mm high	DN-R35HS1	10	DN-R35HS1	10		
		DN-R35HS1-2	2	DN-R35HS1-2	2		
End Brackets	DN-EB35		50	DN-EB35		50	
	DN-EB35MN		20	DN-EB35MN		20	
	DN-EB35-A		50	DN-EB35-A		50	
	DN-EB35-A-10		10	DN-EB35-A-10		10	
	DN-QEB35		50	DN-QEB35		50	
	DN-QEB35-10		10	DN-QEB35-10		10	
Angled Support Bracket	DN-ASB1		50	DN-ASB1		50	
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.

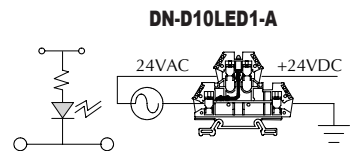
***Jumper Cutting Tool DN-J4CUT cuts DN-xJ4Y Series multi-pole jumpers and maintains the jumper insulation.

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.

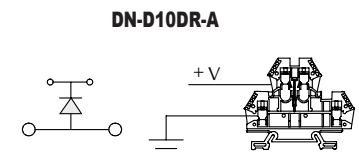


DN-D10LED1-A

Diode terminal blocks

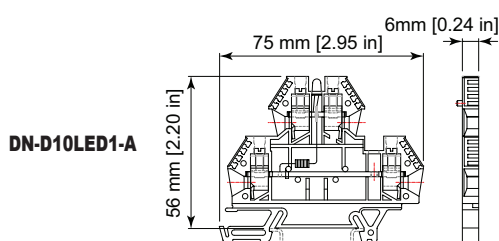
Typically, an inductive load produces a spike (neg.-going) when it is turned off. These terminal blocks with built-in diodes help protect your PLC's output circuits. The circuit below shows the normal voltages to the load (during ON state).

(Please see application note AN-MISC-032 at <http://support.automationdirect.com/docs/an-misc-032.pdf>)

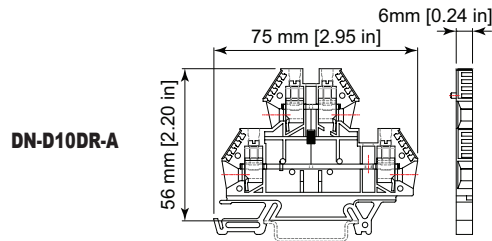


DN-D10DR-A

1N4007 Reverse bias diode
(See Diode information located on page tTBL-71)



DN-D10LED1-A



DN-D10DR-A

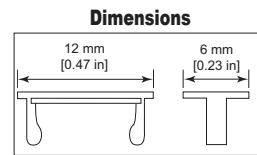
Marking Tags Cross Reference Charts - Screw-type

DINector 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>
<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	-	-

Continued on next page

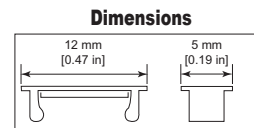
Marking Tags

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



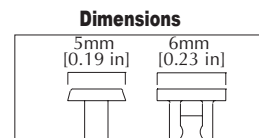
- The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500.
- The DN-L tags fit all DINnectors 6mm wide and wider.
- There will be a gap between tags on blocks wider than 6mm.
- Material: Thermoplastic with heat embossed black print.

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



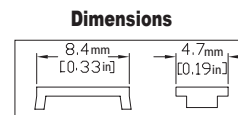
- The marking sequence of 100 tags (i.e. 1-100) is printed five times in each package of 500.
- The DN-LA tags fit all DINnectors 5mm wide and wider. There will be a gap between tags on blocks wider than 5mm.
- Material: Thermoplastic with heat embossed black print.

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



- 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.

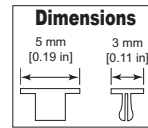
Marking Tags DN-QL Series			
Part Number	Marking Sequence	Qty	Price
<u>DN-QL100</u>	1-100	500	
<u>DN-QL200</u>	101-200	500	
<u>DN-QL300</u>	201-300	500	
<u>DN-QL400</u>	301-400	500	
<u>DN-QL500</u>	401-500	500	
<u>DN-QLB</u>	Blank Tags	500	
<u>DN-QLS</u>	L1, L2, L3, L, N, +, -, COM, COM*	500	



- 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.

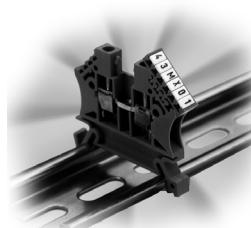
Marking Tags continued

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

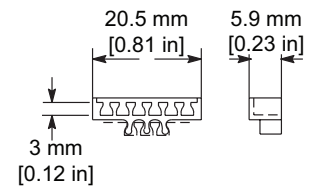


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

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	

Note: DN-MTA adapter does not fit DN-T12-A terminal blocks.

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	
DN-EMLBL2	Labels printed 1 – 12		100	
DN-EMLBL3	Labels printed 13 – 24		100	

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	Indelible black ink marking pen	1	



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	
DN-WM-1	Wire tag holder, clear, 12mm length, 0.051–0.118 in diameter; for 22–16 AWG wire	DN-WMTAG1	200	
DN-WM-2	Wire tag holder, clear, 12mm length, 0.098–0.196 in diameter; for 16-11 AWG wire		200	
DN-WM-3	Wire tag holder, clear, 12mm length, 0.157–0.393 in diameter; for 13–5 AWG wire		100	
DN-WM-4	Wire tag holder, clear, 12mm length, 0.314–0.629 in diameter; for 5AWG wire		100	