

DINnectors® Single-Level Terminal Blocks

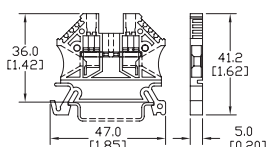
Feed-through terminal blocks provide the means to connect two wires together, and are available in sizes suitable for up to 8AWG wire.

- Screw connection terminal
- 35mm DIN-rail mountable
- LVD 2006/95/EC

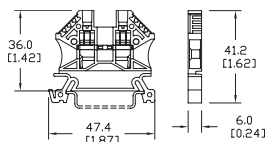


Dimensions
mm [inches]

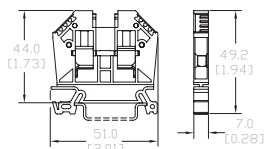
DN-T12-A



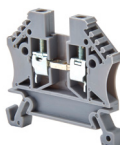
DN-T10-A



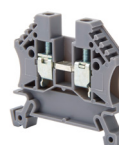
DN-T8



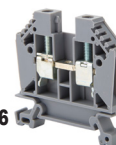
DN-T12-A
Series: EURO 2.5



DN-T10-A
Series: EURO 4



DN-T8
Series: EURO 6



Ordering Information

Available Colors	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price
Gray	DN-T12-A	100	\$64.00	DN-T10-A	100	\$74.00	DN-T8	50	\$60.00
Blue	DN-T12B-A	100	\$71.00	DN-T10B-A	100	\$81.00	DN-T8B	50	\$64.00
Brown	DN-T12BR-A	100	\$71.00	DN-T10BR-A	100	\$81.00	—	—	—
Black	DN-T12BLK-A	100	\$71.00	DN-T10BLK-A	100	\$81.00	DN-T8BLK	50	\$64.00
Green	DN-T12GRN-A	100	\$71.00	DN-T10GRN-A	100	\$81.00	DN-T8GRN	50	\$64.00
Orange	DN-T12ORG-A	100	\$71.00	DN-T10ORG-A	100	\$81.00	DN-T8ORG	50	\$64.00
Red	DN-T12RED-A	100	\$71.00	DN-T10RED-A	100	\$81.00	DN-T8RED	50	\$64.00
Yellow	DN-T12YEL-A	100	\$71.00	DN-T10YEL-A	100	\$81.00	DN-T8YEL	50	\$64.00
White	DN-T12W-A	100	\$71.00	DN-T10W-A	100	\$81.00	DN-T8W	50	\$64.00

Technical Specifications

Stripping Length	10mm [0.39 in]			10mm [0.39 in]			12mm [0.47 in]		
Tightening Torque	0.5 N·m [4 lb·in]			0.8 N·m [7 lb·in]			1.2 N·m [10.6 lb·in]		
Density	200/m [60 pcs/ft]			166/m [50 pcs/ft]			142/m [43 pcs/ft]		
UL Approval*	600V	20A	24-12 AWG	600V	30A	24-10 AWG	600V	50A	22-8 AWG
VDE Approval	800V	24A	2.5 mm²	800V	32A	4mm²	800V	41A	6mm²
Operating Temperature	Ambient air temp: -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								

Accessories

End Covers		DN-EC1210	100	\$43.00	DN-EC1210	100	\$43.00	DN-EC86		100	\$47.00
		DN-EC1210MN	25	\$14.50	DN-EC1210MN	25	\$14.50	DN-EC86MN		25	\$14.50
Separators		DN-S1210	100	\$51.00	DN-S1210	100	\$51.00	DN-S86		100	\$61.00
		DN-S1210MN	25	\$16.00	DN-S1210MN	25	\$16.00	DN-S86MN		25	\$14.00
Jumpers	2-pole	DN-2J2Y	100	\$43.00	DN-2J4Y	100	\$46.00	—			
		DN-2J2YMN	25	\$13.00	DN-2J4YMN	25	\$14.50				
	3-pole	DN-3J2Y	100	\$62.00	DN-3J4Y	100	\$74.00				
		DN-3J2YMN	25	\$18.00	DN-3J4YMN	25	\$22.00				
	24-pole	DN-24J2Y	5	\$28.00	DN-24J4Y	5	\$29.50	DN-24J8	5	\$41.00	
Jumper Cutting Tool**		DN-J2CUT	1	\$79.00	DN-J4CUT	1	\$79.00	—			
Top Cover		DN-C12	100	\$62.00	DN-C10	100	\$62.00	DN-C86		100	\$62.00
		DN-C12MN	25	\$14.00	DN-C10MN	25	\$14.00	DN-C86MN		25	\$14.00
Test Plug/Red		DN-TPR	10	\$42.00	DN-TPR	10	\$42.00	—			
Test Plug/Black		DN-TPB	10	\$42.00	DN-TPB	10	\$42.00				
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
End Brackets		DN-EB35	50	\$67.00	DN-EB35	50	\$67.00	DN-EB35		50	\$67.00
		DN-EB35MN	20	\$31.50	DN-EB35MN	20	\$31.50	DN-EB35MN		20	\$31.50
		DN-EB35-A	50	\$47.50	DN-EB35-A	50	\$47.50	DN-EB35-A		50	\$47.50
		DN-EB35-A-10	10	\$12.00	DN-EB35-A-10	10	\$12.00	DN-EB35-A-10		10	\$12.00
		DN-QEB35	50	\$42.50	DN-QEB35	50	\$42.50	DN-QEB35		50	\$42.50
		DN-QEB35-10	10	\$11.50	DN-QEB35-10	10	\$11.50	DN-QEB35-10		10	\$11.50
Angled Support Bracket		DN-ASB1	50	\$107.00	DN-ASB1	50	\$107.00	DN-ASB1		50	\$107.00
Marking Tags		DN-LA or DN-LT series	500/ 100	various	DN-L or DN-LT series	500/ 100	various	DN-L or DN-LT series	500/ 100	various	

*Copper Wire Only

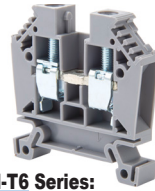
**Jumper Cutting Tools DN-JxCUT cut the applicable multi-pole jumpers and maintain the jumper insulation.

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

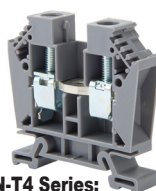


Single-Level Terminal Blocks

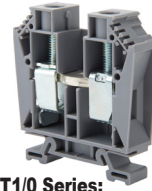
- Screw connection terminal
- 35mm DIN-rail mountable
- LVD 2006/95/EC



DN-T6 Series:
EURO 10/35



DN-T4 Series:
EURO 16-25/35



DN-T1/0 Series:
EURO 35-50/35



DN-T3/0 Series:
EURO 70/35

Ordering Information

Available Colors	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price
Gray	DN-T6	50	\$78.00	DN-T4	25	\$67.00	DN-T1/0	25	\$94.00	DN-T3/0	10	\$138.00
Blue	DN-T6B	50	\$84.00	DN-T4B	25	\$70.00	DN-T1/0B	25	\$98.00	–	–	–

Technical Specifications

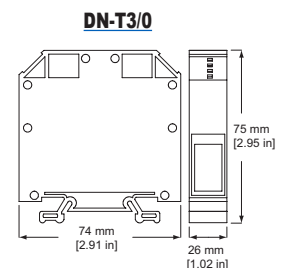
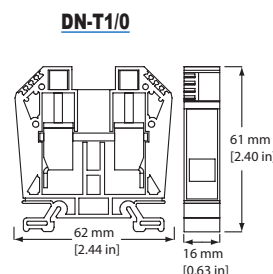
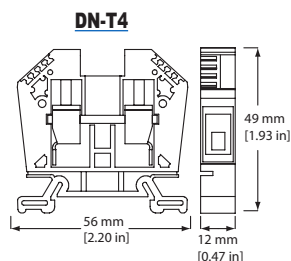
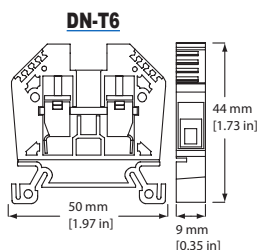
Stripping Length	12mm [0.47 in]			14mm [0.55 in]			17mm [0.67 in]			26mm [1.02 in]		
Tightening Torque	2.0 N·m [18.0 lb·in]			3.0 N·m [26.5 lb·in]			5.0 N·m [44 lb·in]			10 N·m [89 lb·in]		
Density	111/m [33 pcs/ft]			83/m [25 pcs/ft]			62/m [19 pcs/ft]			38/m [11 pcs/ft]		
UL Approval*	600V	65A	20-6 AWG	600V	85A	14-4 AWG	600V	130A	14-1/0 AWG	600V	185A	4-3/0 AWG
VDE Approval	750V	63A	10mm ²	750V	110A	25mm ²	800V	150A	50mm ²	800V	192A	70mm 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											

Accessories

End Covers		DN-EC86	100	\$47.00	DN-EC4		50	\$29.50	DN-EC1/0		50	\$33.50	Included	–	–										
		DN-EC86MN	25	\$14.50	DN-EC4MN		10	\$5.75	DN-EC1/0MN		10	\$8.00	–												
Separators		DN-S86	100	\$61.00	–			–			–														
		DN-S86MN	25	\$14.00																					
Jumpers	2-pole	DN-2J6	100	\$76.00																					
	3-pole	DN-3J6	100	\$132.00																					
	4-pole	DN-4J6	100	\$169.00																					
Multi-pole		DN-55J6	1	\$26.50																					
Top Cover		DN-C86	100	\$62.00																					
		DN-C86MN	25	\$14.00																					
35mm DIN Rail	7.5 mm high	DN-R35S1	10	\$39.00	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	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	10	\$68.00												
		DN-R35HS1-2	2	\$16.50	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	DN-ASB1		50	\$107.00									
Marking Tags		DN-L or DN-LT series	500/ 100	various	DN-L or DN-LT		500/ 100	various	DN-L or DN-LT series		500/ 100	various	DN-L or DN-LT series		500/ 100	various									

*Copper wire only

Dimensions



Note: Screw is a Hex Bolt,
Size M8

 DINnectors® Accessories
Marking Tags Cross Reference Charts - Screw-type

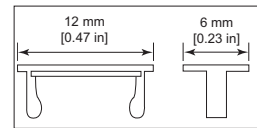
DINnector Marking Tags Cross Reference - Screw-type					
<i>Block Type</i>	<i>DN-L</i>	<i>DN-LA</i>	<i>DN-LT</i>	<i>DN-LAT</i>	<i>DN-EMLBL</i>
DN-T12	–	X	X	–	–
DN-T10	X	–	X	–	–
DN-T8	X	–	X	–	–
DN-T6	X	–	X	–	–
DN-T4	X	–	X	–	–
DN-T1/0	X	–	X	–	–
<u>DN-T3/0</u>	X	–	X	–	–
DN-D10	X	–	X	–	–
DN-D10X	X	–	X	–	–
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	–	–

Continued on next page

Marking Tags

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

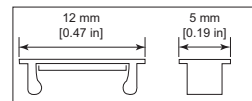
Dimensions



- 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
<u>DN-LA100</u>	1-100	500	\$56.00
<u>DN-LA200</u>	101-200	500	\$56.00
<u>DN-LA300</u>	201-300	500	\$56.00
<u>DN-LA400</u>	301-400	500	\$56.00
<u>DN-LAB</u>	Blank Tags	500	\$56.00
<u>DN-LAS</u>	L1, L2, L3, L, N, GND, +, -, COM, COM*	500	\$56.00

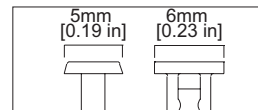
Dimensions



- 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
<u>DN-LAT100-A</u>	1-100	500	\$49.00
<u>DN-LAT200-A</u>	101-200	500	\$49.00
<u>DN-LAT300-A</u>	201-300	500	\$49.00
<u>DN-LAT400-A</u>	301-400	500	\$49.00
<u>DN-LAT500-A</u>	401-500	500	\$49.00
<u>DN-LAT600-A</u>	501-600	500	\$49.00
<u>DN-LATB-A</u>	Blank Tags	500	\$35.50
<u>DN-LATS-A</u>	L1, L2, L3, L, N, +, -, COM, COM*	500	\$49.00

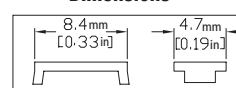
Dimensions



- 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
<u>DN-QL100</u>	1-100	500	\$42.50
<u>DN-QL200</u>	101-200	500	\$42.50
<u>DN-QL300</u>	201-300	500	\$42.50
<u>DN-QL400</u>	301-400	500	\$42.50
<u>DN-QL500</u>	401-500	500	\$42.50
<u>DN-QLB</u>	Blank Tags	500	\$36.00
<u>DN-QLS</u>	L1, L2, L3, L, N, +, -, COM, COM*	500	\$49.00

Dimensions

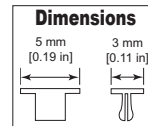


- The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

DINnectors® Accessories

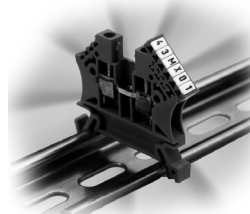
Marking Tags continued

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

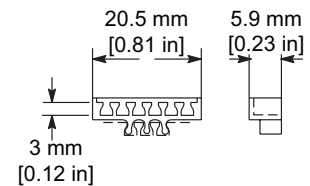


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

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