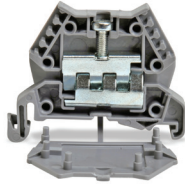
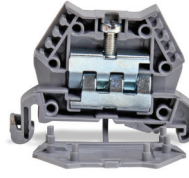


- 35mm DIN-rail mountable
- UL E179129
- CE (EN 60947-1/ EN 60947-7-1)



DN-THERM1 (open) –
Series: EURO TC - 50 Volt



DN-THERM2 (open)
Series: EURO TC - 300 Volt

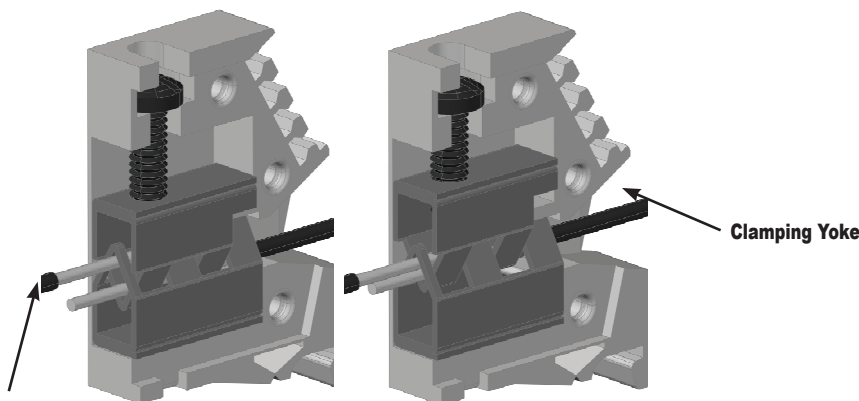


DN-THERMx
(shown closed)

Ordering Information						
Color	Part Number	Qty	Price	Part Number	Qty	Price
Gray	DN-THERM1	50		DN-THERM2	50	
	DN-THERM1MN	10		DN-THERM2MN	10	
Technical Specifications						
Stripping Length	20mm [0.79 in]		20mm [0.79 in]			
Tightening Torque	0.099 N·m [0.875 lb·in]		0.099 N·m [0.875 lb·in]			
UL Approval*	50V AC/DC	–	30-20 AWG	300V	10A	20-16 AWG
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	10kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components					
CE Conformity	CE (EN 60947-1 / EN 60947-7-1)					
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 Cover		Included				
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
DN-THERM1 has no assigned amp rating; intended for use with thermocouple wires only.
For more information on accessories, see the DINnectors Accessories section of this chapter.

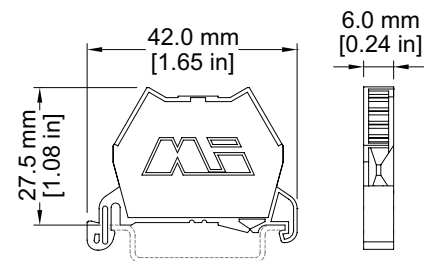
DN-THERMx operation



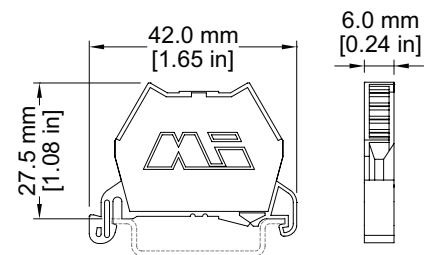
Overlap of thermocouple wires allows for universal connections.

Thermocouple terminal blocks are designed with only one screw clamp to provide suitable connections to thermocouple sensors. The DN-THERM1 and DN-THERM2 clamping yoke terminal blocks have been designed to accept any type of thermocouple lead connection within their rated wire size ranges. The thermocouple leads are simply stripped of their insulation to 20mm (0.79"), and then inserted into the terminal block where the two wires overlap. The leads are clamped together on both sides of the terminal block, resulting in an excellent electrical connection to the thermocouple without the need for any other compensation metals/ contacts.

DN-THERM1 / DN-THERM1MN



DN-THERM2 / DN-THERM2MN



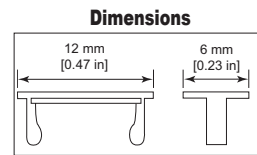
Marking Tags Cross Reference Charts - Screw-type

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	-	-

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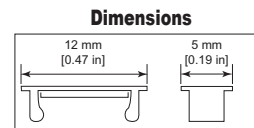
Marking Tags

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	



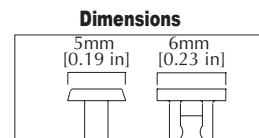
- The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500.
- The DN-L tags fit all DINnectors 6mm wide and wider.
- There will be a gap between tags on blocks wider than 6mm.
- Material: Thermoplastic with heat embossed black print.

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	



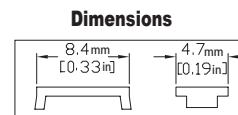
- The marking sequence of 100 tags (i.e. 1-100) is printed five times in each package of 500.
- The DN-LA tags fit all DINnectors 5mm wide and wider. There will be a gap between tags on blocks wider than 5mm.
- Material: Thermoplastic with heat embossed black print.

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.

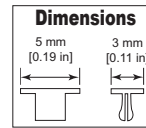
Marking Tags DN-QL Series			
Part Number	Marking Sequence	Qty	Price
<u>DN-QL100</u>	1-100	500	
<u>DN-QL200</u>	101-200	500	
<u>DN-QL300</u>	201-300	500	
<u>DN-QL400</u>	301-400	500	
<u>DN-QL500</u>	401-500	500	
<u>DN-QLB</u>	Blank Tags	500	
<u>DN-QLS</u>	L1, L2, L3, L, N, +, -, COM, COM*	500	



- 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.

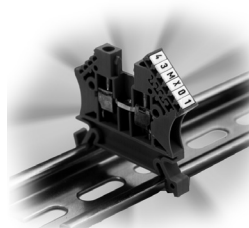
Marking Tags continued

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	

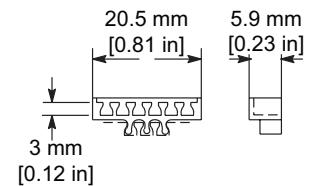


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

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	