



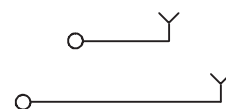
Plug-In Terminal Blocks

Single and double level DN-EMXxx plug-in terminal blocks with screw terminals accept all DN-xxPLUG(MN) Euro plugs and are 35mm DIN rail mountable.



(4) DN-EMXM1
Series: EURO XM1/2V 2.5/35

(4) DN-EMXM1 with
(2) DN-4PLUG



(4) DN-EMXDV
Series: EURO XDV 2.5/35



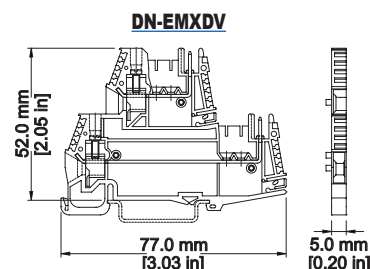
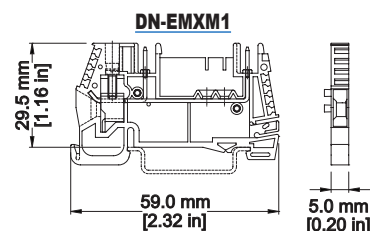
(4) DN-EMXDV with
(2) DN-4PLUG

Ordering Information							
Color	Part Number	Qty	Price	Part Number	Qty	Price	
Gray	<u>DN-EMXM1</u>	32	\$53.00	<u>DN-EMXDV</u>	32	\$78.00	
Technical Specifications							
Stripping Length	8mm [0.31 in]			8mm [0.31 in]			
Tightening Torque	0.45 N·m [4 lb·in]			0.45 N·m [4 lb·in]			
UL Approval*	300V	12A	24-12 AWG	300V	12A	24-12 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						
Accessories							
End Cover	<i>left (open) side</i>	<u>DN-EMXM1EC1</u>	25	\$15.00	<u>DN-EMXDVEC1</u>	25	\$15.00
	<i>right (closed) side</i>	<u>DN-EMXM1EC2</u>	25	\$15.00	<u>DN-EMXDVEC2</u>	25	\$15.00
Spacer	<i>Either side</i>	<u>DN-EMXM1SPA1</u>	25	\$13.00	<u>DN-EMXDVSPA1</u>	25	\$14.50
35mm DIN Rail	<i>7.5 mm high</i>	<u>DN-R35S1</u>	10	\$39.00	<u>DN-R35S1</u>	10	\$39.00
		<u>DN-R35S1-2</u>	2	\$11.00	<u>DN-R35S1-2</u>	2	\$11.00
	<i>15mm high</i>	<u>DN-R35HS1</u>	10	\$68.00	<u>DN-R35HS1</u>	10	\$68.00
		<u>DN-R35HS1-2</u>	2	\$16.50	<u>DN-R35HS1-2</u>	2	\$16.50
Jumpers**	<i>2-pole</i>	<u>DN-2J2Y</u>	100	\$43.00	<u>DN-2J2Y</u>	100	\$43.00
		<u>DN-2J2YMN</u>	25	\$13.00	<u>DN-2J2YMN</u>	25	\$13.00
	<i>3-pole</i>	<u>DN-3J2Y</u>	100	\$62.00	<u>DN-3J2Y</u>	100	\$62.00
		<u>DN-3J2YMN</u>	25	\$18.00	<u>DN-3J2YMN</u>	25	\$18.00
	<i>24-pole</i>	<u>DN-24J2Y</u>	1	\$28.00	<u>DN-24J2Y</u>	1	\$28.00
		<u>DN-24J2Y</u>	1	\$28.00	<u>DN-24J2Y</u>	1	\$28.00
Jumper Cutting Tool**		<u>DN-J2CUT</u>	1	\$79.00	<u>DN-J2CUT</u>	1	\$79.00
Pin Protector – 4-pole		<u>DN-EMPEG1</u>	Each piece covers and protects up to 4 unused pins			\$4.00	
End Brackets		<u>DN-EB35</u>	50	\$67.00	<u>DN-EB35</u>	50	\$67.00
		<u>DN-EB35MN</u>	20	\$31.50	<u>DN-EB35MN</u>	20	\$31.50
		<u>DN-EB35-A</u>	50	\$47.50	<u>DN-EB35-A</u>	50	\$47.50
		<u>DN-EB35-A-10</u>	10	\$12.00	<u>DN-EB35-A-10</u>	10	\$12.00
		<u>DN-QEB35</u>	50	\$42.50	<u>DN-QEB35</u>	50	\$42.50
		<u>DN-QEB35-10</u>	10	\$11.50	<u>DN-QEB35-10</u>	10	\$11.50
Marking Tags	DN-LA, DN-LT, or DN-EMLBL	500/100	various	DN-LA, DN-LT, or DN-EMLBL	500/100	various	

* For copper wire only

** Jumper Cutting Tool **DN-J2CUT** cuts DN-xJ2Y Series multi-pole jumpers and MAINTAINS THE INSULATION

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



Accessories – Terminal Plugs									
*Part Number	Number of Poles	Length in [mm]	Qty	Price	*Part Number	Number of Poles	Length in [mm]	Qty	Price
DN-2PLUG	2	0.40	200	\$115.00	DN-8PLUG	8	1.60	50	\$117.00
DN-2PLUGMN		[10.2]	10	\$7.25	DN-8PLUGMN		[40.6]	5	\$14.50
DN-3PLUG	3	0.60	200	\$177.00	DN-9PLUG	9	1.80	50	\$128.00
DN-3PLUGMN		[15.2]	10	\$11.50	DN-9PLUGMN		[45.7]	5	\$15.00
DN-4PLUG	4	0.80	100	\$118.00	DN-10PLUG	10	2.00	50	\$136.00
DN-4PLUGMN		[20.3]	10	\$14.50	DN-10PLUGMN		[50.8]	5	\$17.00
DN-5PLUG	5	1.00	100	\$136.00	DN-11PLUG	11	2.20	50	\$161.00
DN-5PLUGMN		[25.4]	10	\$18.00	DN-11PLUGMN		[55.9]	5	\$19.50
DN-6PLUG	6	1.20	100	\$176.00	DN-12PLUG	12	2.40	50	\$176.00
DN-6PLUGMN		[30.5]	10	\$18.00	DN-12PLUGMN		[61.0]	5	\$20.00
DN-7PLUG	7	1.40	50	\$92.00					
DN-7PLUGMN		[35.6]	5	\$14.50					

* DN-xxPLUGs fit all DN-EMXxx & DN-QEMXxx plug-in terminal blocks.

Terminal Plugs Ratings	
Voltage/Current	300V, 12A
Wire Gauge	14–22 AWG, CU only
Torque	Tightening Torque: 0.51 N·m [4.5 lb·in]
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]
Agency Approvals	UL file #: E179129

 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

 DINnectors® Accessories

Marking Tags Cross Reference Charts - Screwless

DINector Marking Tags Cross Reference - Screwless				
<i>Block Type</i>	<i>DN-QL</i>	<i>DN-LA</i>	<i>DN-LT</i>	<i>DN-EMLBL</i>
<i>DN-Q12</i>	X	–	–	–
<i>DN-Q10</i>	X	–	–	–
<i>DN-Q8</i>	X	–	–	–
<i>DN-QD12</i>	X	–	–	–
<i>DN-Q12-1-2</i>	X	–	–	–
<i>DN-Q12-1-2L</i>	X	–	–	–
<i>DN-Q12-1-2D</i>	X	–	–	–
<i>DN-QKBD</i>	X	–	–	–
<i>DN-Q12-2-2</i>	X	–	–	–
<i>DN-Q12-2-2L</i>	X	–	–	–
<i>DN-Q12-2-2D</i>	X	–	–	–
<i>DN-QEMXM1</i>	–	X	X	X
<i>DN-QEMXDV</i>	–	X	X	X
<i>DN-QG12</i>	X	–	–	–
<i>DN-QG10</i>	X	–	–	–
<i>DN-QG8</i>	X	–	–	–
<i>DN-QG12-1-2</i>	X	–	–	–
<i>DN-QG12-2-2</i>	X	–	–	–

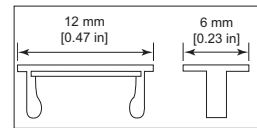
DINnectors® Accessories

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

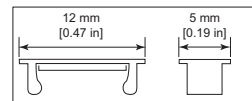


- The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500.
- The DN-L tags fit all DINnectors 6mm wide and wider.
- There will be a gap between tags on blocks wider than 6mm.
- Material: Thermoplastic with heat embossed black print.

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

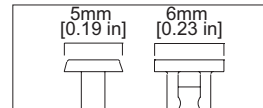


- The marking sequence of 100 tags (i.e. 1-100) is printed five times in each package of 500.
- The DN-LA tags fit all DINnectors 5mm wide and wider. There will be a gap between tags on blocks wider than 5mm.
- Material: Thermoplastic with heat embossed black print.

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

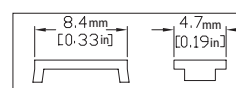


- The marking sequence of 500 tags (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

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

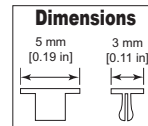


- The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

DINnectors® Accessories

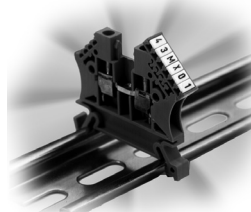
Marking Tags continued

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

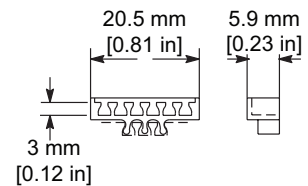


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

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