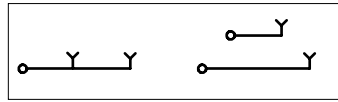
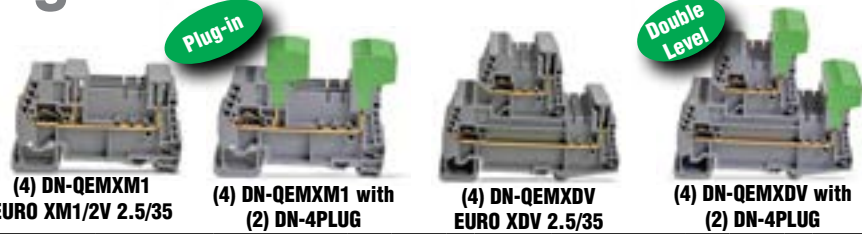


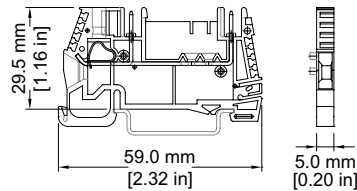
Screwless Plug-In Terminal Blocks



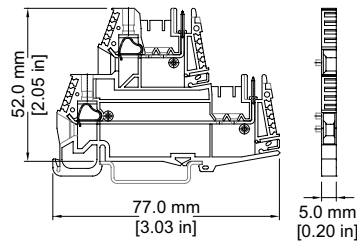
Single and double-level DN-QEMXxx screwless plug-in terminal blocks with spring terminals accept all DN-xxPLUG Euro plugs. These terminal blocks are 35mm DIN-rail mountable.



DN-QEMXM1



DN-QEMXDV



Ordering Information						
	Part Number	Pcs/Pkg	Price	Part Number	Pcs/Pkg	Price
Gray Terminal Block	DN-QEMXM1	32		DN-QEMXDV	32	
Technical Specifications						
Stripping Length	8mm [0.31 in]			8mm [0.31 in]		
Levels	Single Level			Double Level		
UL Approval*	300V	12A	24-12 AWG	300V	11A**	24-12 AWG
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 SCCR for unmarked components					
CE Conformity	CE (EN 60947-1 / EN 60947-7-1)					
Agency File #	UL E179129					
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.						
Accessories						
End Cover	left (open) side	DN-EMXM1EC1	25		DN-EMXDVEC1	25
	right (closed) side	DN-EMXM1EC2	25		DN-EMXDVEC2	25
Spacer	either side	DN-EMXM1SPA1	25		DN-EMXM1SPA1	25
		DN-2J2Y	100		DN-2J2Y	100
Jumpers	2-pole	DN-2J2YMN	25		DN-2J2YMN	25
		DN-3J2Y	100		DN-3J2Y	100
	3-pole	DN-3J2YMN	25		DN-3J2YMN	25
		DN-24J2Y	5		DN-24J2Y	5
Jumper Cutting Tool	DN-J2CUT	1		DN-J2CUT	1	
Pin Protector – 4-pole	DN-EMPEG1***	16		DN-EMPEG1***	16	
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 Bracket		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-LA, DN-LT, DN-EMLBL series	500/100	various	DN-LA, DN-LT, DN-EMLBL series	500/100	various
*For copper wire only		**DN-QEMXDV rated 12A for stranded wire; 11A for solid wire				
***DN-EMPEG1 each piece covers and protects up to 4 unused pins						
Note: For more information on accessories, see the DINnectors Accessories section of this chapter.						

Accessories – Terminal Plugs									
*Plug Part #	# of Poles	Length	Pcs/Pkg	Price	*Plug Part #	# of Poles	Length	Pcs/Pkg	Price
DN-2PLUG	2	L = 0.40 in [10.2 mm]	200		DN-8PLUG	8	L = 1.60 in [40.6 mm]	50	
DN-2PLUGMN			10		DN-8PLUGMN			5	
DN-3PLUG	3	L = 0.60 in [15.2 mm]	200		DN-9PLUG	9	L = 1.80 in [45.7 mm]	50	
DN-3PLUGMN			10		DN-9PLUGMN			5	
DN-4PLUG	4	L = 0.80 in [20.3 mm]	100		DN-10PLUG	10	L = 2.00 in [50.8 mm]	50	
DN-4PLUGMN			10		DN-10PLUGMN			5	
DN-5PLUG	5	L = 1.00 in [25.4 mm]	100		DN-11PLUG	11	L = 2.20 in [55.9 mm]	50	
DN-5PLUGMN			10		DN-11PLUGMN			5	
DN-6PLUG	6	L = 1.20 in [30.5 mm]	100		DN-12PLUG	12	L = 2.40 in [61.0 mm]	50	
DN-6PLUGMN			10		DN-12PLUGMN			5	
DN-7PLUG	7	L = 1.40 in [35.6 mm]	50						
DN-7PLUGMN			5						
Terminal Plugs Ratings									
Voltage/Current	300V, 12A				Operating Temperature	Ambient air temp: -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]			
Wire Gauge	14–22 AWG, CU only					Agency Approvals	UL file #: E179129		
Torque	Tightening Torque: 0.51 N·m [4.5 lb-in]								
* DN-xxPLUGs fit all DN-EMXxx & DN-QEMXxx plug-in terminal blocks.									

Screwless Terminal Blocks Overview

Why go screwless?

Screwless clamping technology offers several benefits:

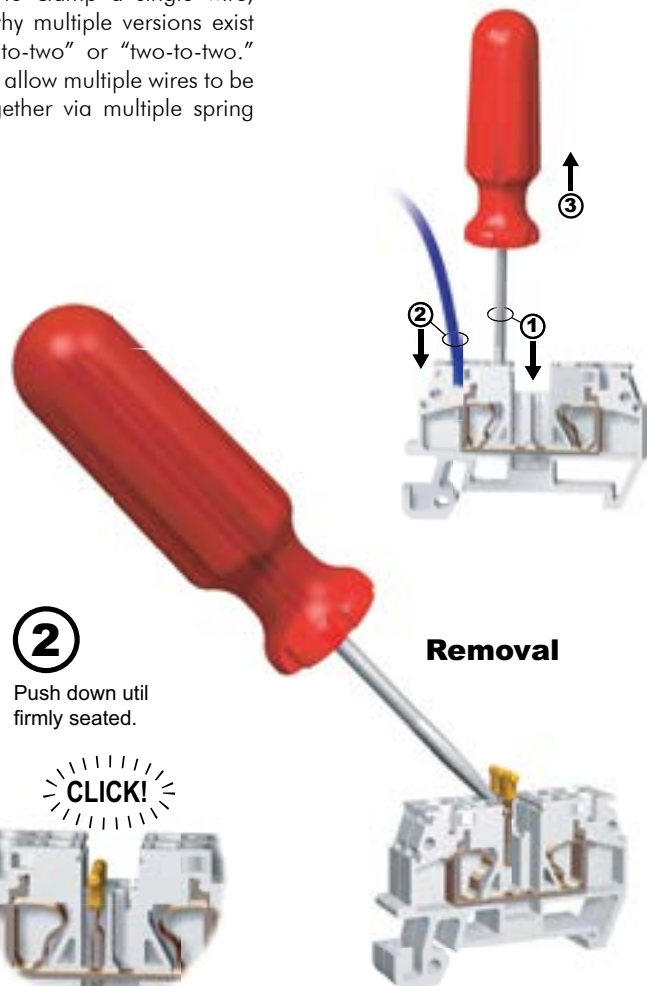
- **Speed:** On average, screwless connections can be made in half the time of screw type connections, cutting installation labor costs in half.
- **Ease:** No need for twisting and turning screws, so screwless terminal blocks are much easier on the installer's hands and arms. Also, wiring from the top of the terminal blocks allow installers to accurately and reliably see the wire fully inserted into the spring clamp.
- **Safety:** Never have a problem with faulty connections from loose screws again! Meets the same UL, CSA, and IEC standards as screw-type terminal blocks.
- **Maintenance-free:** The screwless spring clamp conforms to the wire with constant tension, making it maintenance-free.

Are there any trade-offs of going screwless versus screw-type?

Unless you need to clamp multiple wires to the same connection point, the answer is no. If you do, then there may be a slight trade-off in requiring more panel space than with screw terminal blocks. Unlike screw terminal blocks, screwless terminal block spring-clamps are designed to clamp a single wire, only. This is why multiple versions exist like the "one-to-two" or "two-to-two." These versions allow multiple wires to be connected together via multiple spring clamps.

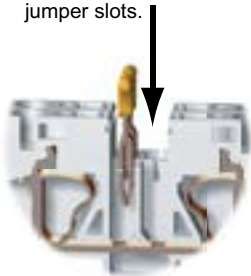
How does it work?

Well, it's pretty simple: Push, Insert, Release. Just push your screwdriver into the spring clamp (a rectangular shaped hole) to open the spring clamp; insert the stripped wire into the clamp (a circular shaped hole), and pull out your screwdriver to release the clamp against the wire. That's it. The connection is made.



How do the jumpers work?

1
Properly align jumper bar with terminal block center jumper slots.



2
Push down until firmly seated.



Removal

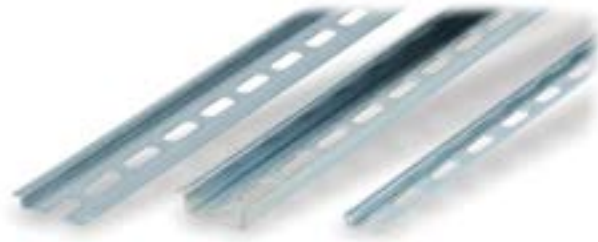


Yes = Good, acceptable jumper

No = Bad, damaged jumper

DINnectors® Accessories

Steel DIN Rails Features



35mm wide

- Available in 1-meter lengths
- 7.5 mm-high rails primarily used to mount terminal blocks, relays, timers and small PLCs such as the DL05, DL06, DL105, DL205, CLICK, and Productivity3000
- 15mm-high rails for mounting larger and heavier components such as contactors and larger PLCs

15mm wide

- Available in 1-meter lengths
- DN-R15S1 exclusively for mounting mini terminal blocks such as the DN-M10-A

	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg
DIN Rail	DN-R35S1	10		DN-R35HS1	10		DN-R15S1	10	
	DN-R35S1-2	2		DN-R35HS1-2	2		DN-R15S1-2	2	
Steel DIN Rails Specifications									
Description	Steel, slotted, 3'3" (1 m) length, 35 mm (1.38 in) wide, 7.5 mm (0.30 in) high			Steel, slotted, 3'3" (1 m) length, 35 mm (1.38 in) wide, 15 mm (0.59 in) high			Steel, slotted, 3'3" (1 m) length, 15 mm (0.59 in) wide, 5.5 mm (0.22 in) high		
Plating	Zinc-plated and chromated								
International Standards	EN 60715, RoHs								
Suggested Mounting Screw Type	M6			M6			M4		

Aluminum DIN Rail Features



35mm wide

- Non-anodized finish
- Zinc plating and passivation (minimum thickness 6 microns)
- Lightweight, easy to cut and deburr
- Terminal blocks only
- Maximum mounting screw #10-32 or M5
- Available in 1-meter lengths

35mm wide raised

- Non-anodized finish
- Zinc plating and passivation (minimum thickness 6 microns)
- Enables users to raise terminal blocks 2¼" above the back panel
- Terminal blocks only
- Available in 1-meter lengths
- Bushing or grommet recommended for wire access hole (example Heyco UB-875 not sold by ADC)

	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg
DIN Rail	DN-R35SAL1	10		DN-R35SAL2-2	2	
	DN-R35SAL1-2	2				
Aluminum DIN Rails Specifications						
Description	Aluminum, slotted, 3'3" (1 m) length, 35 mm (1.38 in) wide, 10 mm (0.39 in) high			Aluminum, slotted, 3'3" (1 m) length, 35 mm (1.38 in) wide, 58 mm (2.28 in) high		
Plating	Galvanic zinc plating, non-anodized finish					
International Standards	DIN 50960, RoHs					
Suggested Mounting Screw Type	#10-32 or M5					

DINnectors® Accessories

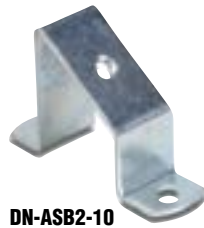
DIN rail support brackets

- Angled support brackets raise and tilt mounting rails 30 degrees from mounting surface for easier wiring
- DN-ASB1 plated steel support bracket
- DN-ASB2-10 cold-rolled steel treated with galvanic zinc plating and passivation

DIN rail mounting clips

- Snap small devices not made for mounting onto 35mm DIN rails
- Zinc plated steel

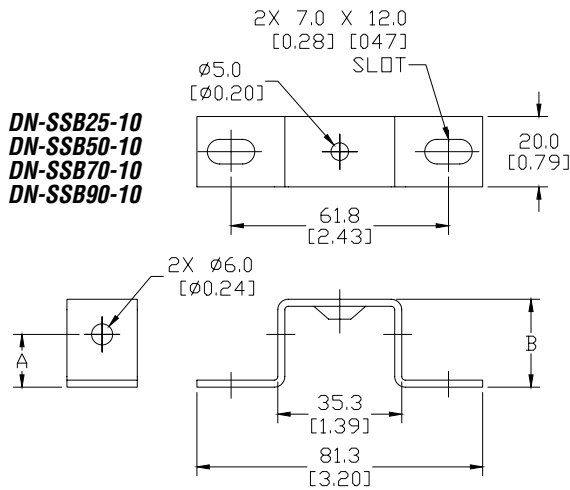
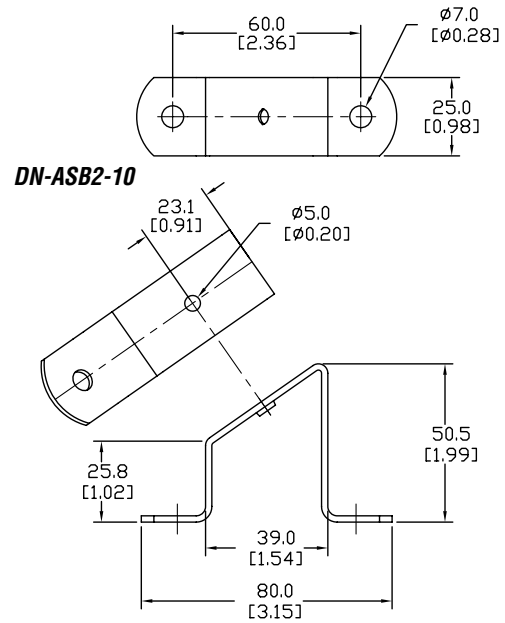
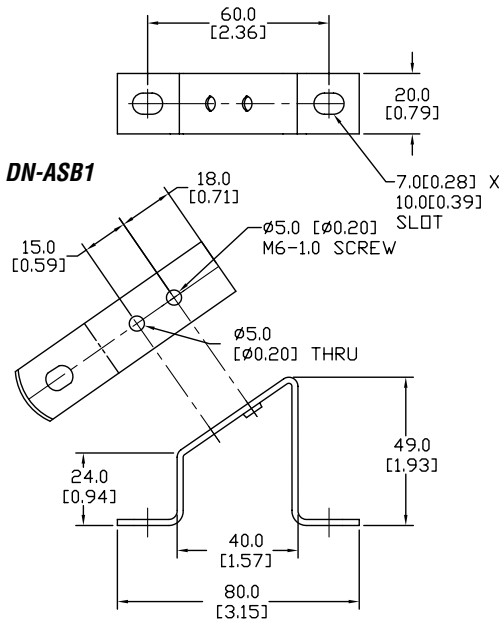
DIN Rail Support Brackets and Mounting Clips			
Part Number	Description	Pcs/Pkg	Price
DN-ASB1	30° angled DIN rail support bracket (M6-1.0 screws not included)	50	
DN-ASB2-10	30° angled DIN rail support bracket (M6-1.0 screws included)	10	
DN-SSB25-10	1" (25 mm) DIN rail support bracket (M6-1.0 screws included)	10	
DN-SSB50-10	2" (50 mm) DIN rail support bracket (M6-1.0 screws included)	10	
DN-SSB70-10	2.75" (70 mm) DIN rail support bracket (M6-1.0 screws included)	10	
DN-SSB90-10	3.5" (90 mm) DIN rail support bracket (M6-1.0 screws included)	10	
DN-CLIP-FM4	DIN rail mounting clip with M4 x 0.7 mm threaded hole (Screws not included)	40	
DN-CLIP-FM4-5		5	
DN-CLIP-FM5	DIN rail mounting clip with M5 x 0.8 mm threaded hole (Screws not included)	40	
DN-CLIP-FM5-5		5	



DINnectors® Accessories

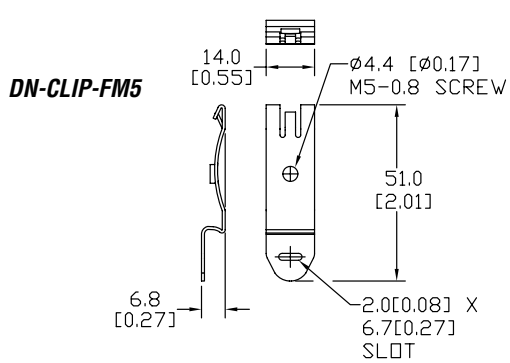
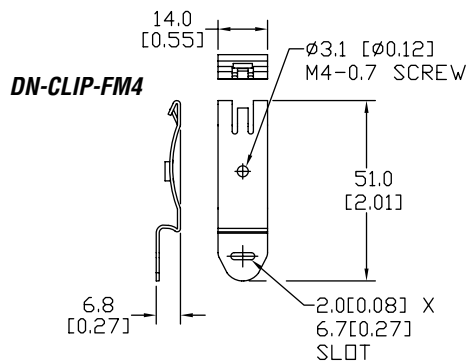
DIN Rail Support Brackets and Mounting Clips

Dimensions mm [inches]



DIN Rail Support Brackets		
Part Number	DIM A mm [inches]	DIM B mm [inches]
DN-SSB25-10	15.0 [0.59]	25.0 [0.98]
DN-SSB50-10	40.0 [1.58]	50.0 [1.97]
DN-SSB70-10	60.0 [2.36]	70.0 [2.76]
DN-SSB90-10	80.0 [3.15]	90.0 [3.54]

See our website for complete engineering drawings

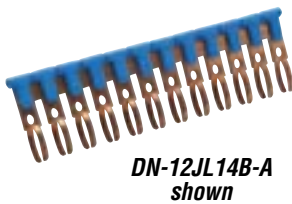


DINnectors® Accessories

Jumpers

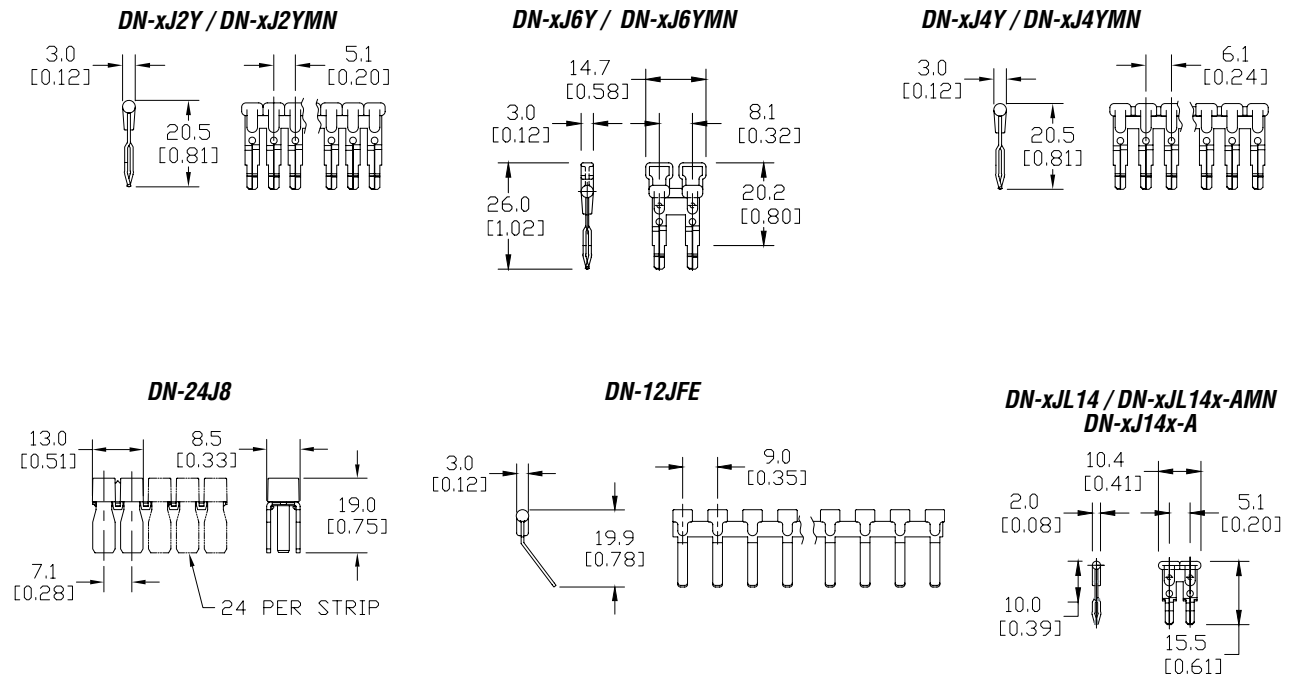
Multi-pole jumper bars for DINnector terminal blocks

Multi-pole Jumper Bars										
Part Number	Pcs/Pkg	Price	Part Number	Pcs/Pkg	Price	# of Poles	UL Rating		Insulation Color	For Use With Terminal Block Series
							(V)	(A)		
DN-2J2YMN	25		DN-2J2Y	100		2	600	25	Orange	DN-T12-A, DN-EMX, DN-Q12-A, DN-QD12-A, DN-QEMX, DN-QKBD12-A
DN-2J4YMN	25		DN-2J4Y	100		2	600	25	Yellow	DN-T10-A, DN-D10-A, DN-M10-A, DN-Q10-A
DN-2J6YMN	25		DN-2J6Y	100		2	600	30	Green	DN-Q8-A
-	-	-	DN-2J6	100		2	600	65	-	DN-T6
DN-2JL14-AMN	25		DN-2JL14-A	100		2	300	20	Red	DN-TL-A
DN-2JL14B-AMN	25		DN-2JL14B-A	100		2	300	20	Blue	DN-TL-A
DN-3J2YMN	25		DN-3J2Y	100		3	600	25	Orange	DN-T12-A, DN-EMX, DN-Q12-A, DN-QD12-A, DN-QEMX, DN-QKBD12-A
DN-3J4YMN	25		DN-3J4Y	100		3	600	25	Yellow	DN-T10-A, DN-D10-A, DN-M10-A, DN-Q10-A
DN-3J6YMN	25		DN-3J6Y	100		3	600	30	Green	DN-Q8-A
-	-	-	DN-3J6	100		3	600	65	-	DN-T6
DN-3JL14-AMN	25		DN-3JL14-A	100		3	300	20	Red	DN-TL-A
DN-3JL14B-AMN	25		DN-3JL14B-A	100		3	300	20	Blue	DN-TL-A
			DN-4J6	100		4	600	65	-	DN-T6
			DN-12J6Y	10		12	600	30	Green	DN-Q8-A
			DN-12JL14-A	10		12	300	20	Red	DN-TL-A
			DN-12JL14B-A	10		12	300	20	Blue	DN-TL-A
			DN-12JFE	10		12	300	25	Blue	DN-FE4
			DN-24J2Y	5		24	600	25	Yellow	DN-T12-A, DN-EMX, DN-Q12-A, DN-QD12-A, DN-QEMX, DN-QKBD12-A
			DN-24J4Y	5		24	600	25	Yellow	DN-T10-A, DN-D10-A, DN-M10-A, DN-Q10-A
			DN-24J8	5		24	600	50	Green	DN-T8
			DN-55J6	1		55	600	65	-	DN-T6








Dimensions

mm [inches]



DINnectors® Accessories

Modifying a DN-24J8 jumper bar to the required number of poles

- Place the insulating part into the jumper bar and insert screws, based on number of poles required. (For instance, in the following example, 5 poles are required). Click into place.
 
- Using a cutting tool, cut the insulating part at the edge of the jumper bar (see below).
 
- Hold the metal jumper bar and insulating jumper with two hands, placing fingers to the left and right of the pole you wish to cut, repeatedly flexing up and down (1 or 2 times should be sufficient) until the jumper bar and insulating jumper break in two.
 
- Remove the small remaining piece of jumper (see below). This is important to ensure appropriate insulation distance in the case of contiguously applied jumpers in sequence. This step also facilitates the placement of a separator terminal if the bridge is positioned as the last terminal of a group.
 
- The jumpers now are ready to be screwed onto DN-T8 series terminal blocks.
 

Jumper Cutting Tools

Jumper cutting tools maintain protective covering.

Jumper Cutting Tools			
Part Number	Description	Pcs/Pkg	Price
DN-J2CUT	Cutting tool for DN-2J2Y, DN-3J2Y and DN-24J2Y jumpers.	1	
DN-J4CUT	Cutting tool for DN-2J4Y, DN-3J4Y and DN-24J4Y jumpers.	1	
DN-J6CUT	Cutting tool for DN-12J6Y jumpers.	1	
DN-JL14CUT	Cutting tool for DN-12JL14-A and DN-12JL14B-A jumpers.	1	
DN-JXCUT	Cutting tool without dies for DN-J12DIE, DN-J4DIE, DN-J6DIE, DN-JL14DIE AND DN-JFEDIE dies. Order dies separately.	1	
DN-JFECUT	Cutting tool for DN-12JFE	1	
DN-JKIT	Cutting tool kit for DN series jumpers. Includes (1) DN-JXCUT cutting tool, (5) dies (DN-J2DIE, DN-J4DIE, DN-J6DIE, DN-JL14DIE, and DN-JFEDIE).	1	
DN-TOOL2	DINnector tool kit, for use with DN series terminal blocks, includes (1) spring opening tool for DN-Q series screwless terminal blocks and (1) jumper removal tool for J2, J4, J6, and JL14 jumpers.	1	



DN-J2CUT



DN-J4CUT



DN-JKIT



DN-TOOL2

Replacement Dies			
Part Number	Description	Pcs/Pkg	Price
DN-J2DIE	Replacement dies for DN-J2CUT.	2	
DN-J4DIE	Replacement dies for DN-J4CUT.	2	
DN-JFEDIE	Replacement dies for DN-JFECUT.	2	
DN-J6DIE	Replacement dies for DN-J6CUT.	2	
DN-JL14DIE	Replacement dies for DN-JL14CUT.	2	

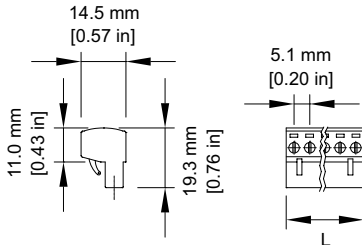
Note: Replacement Dies also work with DN-JxCUT.

DINnectors[®] Accessories

Terminal Plugs



DN-xxPLUG / DN-xxPLUGMN



Accessories – Terminal Plugs							
Plugs* Part Number	Pcs/Pkg	Price/Pkg	Plugs* Part Number	Pcs/Pkg	Price/Pkg	Number of Poles	Length mm [in]
DN-2PLUG	200		DN-2PLUGMN	10		2	10.2 [0.40]
DN-3PLUG	200		DN-3PLUGMN	10		3	15.2 [0.60]
DN-4PLUG	100		DN-4PLUGMN	10		4	20.3 [0.80]
DN-5PLUG	100		DN-5PLUGMN	10		5	25.4 [1.00]
DN-6PLUG	100		DN-6PLUGMN	10		6	30.5 [1.20]
DN-7PLUG	50		DN-7PLUGMN	5		7	35.6 [1.40]
DN-8PLUG	50		DN-8PLUGMN	5		8	40.6 [1.60]
DN-9PLUG	50		DN-9PLUGMN	5		9	45.7 [1.80]
DN-10PLUG	50		DN-10PLUGMN	5		10	50.8 [2.00]
DN-11PLUG	50		DN-11PLUGMN	5		11	55.9 [2.20]
DN-12PLUG	50		DN-12PLUGMN	5		12	61.0 [2.40]

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]
Usage 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]
Agency Approvals	UL file #: E179129

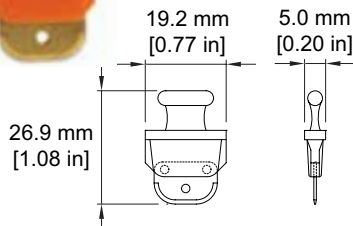
Note: To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

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

Disconnect Blade



**DN-DIS-BLADE
DN-DIS-BMN**

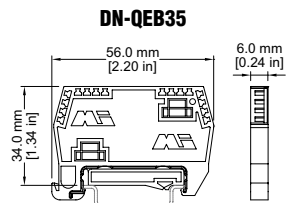
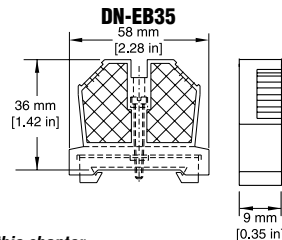
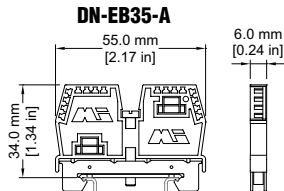
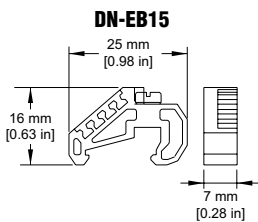


Disconnect Blade			
Part Number	Description	Pcs/Pkg	Price
DN-DIS-BLADE	Terminal block disconnect blade for DN-FE2, DN-FE4, DN-DIS2 and DN-DIS4	50	
DN-DIS-BMN		10	

End Brackets



End Brackets			
Part Number	Description	Pcs/Pkg	Price/Pkg
DN-EB15	Terminal block end stop 7mm width screw clamping. Gray	100	
DN-EB15MN		20	
DN-EB35	Terminal block end stop 9mm width screw clamping. Gray	50	
DN-EB35MN		20	
DN-EB35-A	Terminal block end stop 6mm width screw clamping. Black	50	
DN-EB35-A-10		10	
DN-QEB35	Terminal block end stop 6mm width screwless clamping. Black	50	
DN-QEB35-10		10	



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

DINnectors Accessories

End Covers

Certain end covers can be used with multiple terminal block parts to cover and insulate the open side, or to put more space between adjacent blocks.

DINnectors End Covers				
Part Number	Description	For Use With	Pcs/Pkg	Price
DN-EC1210	Covers open side of DN-T12-A and DN-T10-A series terminal blocks	DN-T10-A, DN-T12-A	100	
DN-EC1210MN			25	
DN-EC86	Covers open side of DN-T8 and DN-T6 series terminal blocks	DN-T8, DN-T6	100	
DN-EC86MN			25	
DN-EC4	Covers open side of DN-T4 series terminal blocks	DN-T4	50	
DN-EC4MN			10	
DN-EC1/0	Covers open side of DN-T1/0 series terminal blocks	DN-T1/0	50	
DN-EC1/0MN			10	
DN-DEC10	Covers open side of DN-D10 series double-level terminal blocks	DN-D10	50	
DN-DEC10MN			10	
DN-EC14	Covers open side of DN-TL14-A series terminal blocks	DN-TL14-A	25	
DN-EC14S	Covers open side of DN-TL14S-A series terminal blocks	DN-TL14S-A	25	
DN-ECM10	Covers open side of DN-M10-A series terminal blocks	DN-M10-A DN-M10B-A	100	
DN-ECM10MN			25	
DN-ECKBD	Covers open side of DN-KBD12 (MN) series disconnect blocks	DN-KBD12 (MN)	100	
DN-ECKBDMN			10	
DN-EMXM1EC1	Covers open side of DN-EMXM1 and DN-QEMXM1 terminal blocks	DN-EMXM1	25	
DN-EMXM1EC2	Covers closed side of DN-EMXM1 and DN-QEMXM1 terminal blocks	DN-QEMXM1	25	
DN-EMXDVEC1	Covers open side of DN-EMXDV and DN-QEMXDV terminal blocks	DN-EMXDV	25	
DN-EMXDVEC2	Covers closed side of DN-EMXDV and DN-QEMXDV terminal blocks	DN-QEMXDV	25	
DN-FESEP	Covers closed side of DN-FE sockets and DN-DIS disconnects	DN-FE, DN-DIS	50	
DN-FESEP-10			10	
DN-QEC12	Covers open side of DN-Q12-A or DN-QG12 series screwless terminal blocks	DN-Q12-A DN-QG12	50	
DN-QEC12MN			10	
DN-QEC10	Covers open side of DN-Q10-A or DN-QG10 series screwless terminal blocks	DN-Q10-A DN-QG10	50	
DN-QEC10MN			10	
DN-QEC8	Covers open side of DN-Q8-A or DN-QG8 series screwless terminal blocks	DN-Q8-A DN-QG8	50	
DN-QEC8MN			10	
DN-QEC12-1-2	Covers open side of DN-Q12-1-2-A and DN-QKBD12-A series screwless terminal blocks	DN-Q12-1-2-A, DN-QKBD12	25	
DN-QEC12-2-2	Covers open side of DN-Q12-2-2-A series screwless terminal blocks	DN-Q12-2-2-A	25	
DN-QDEC12	Covers open side of DN-QD12-A series screwless terminal blocks	DN-QD12-A	25	

Spacers

Spacers are used to put more space between adjacent blocks.

DINnectors Spacers				
Part Number	Description	For Use with	Pcs/Pkg	Price
DN-S1210	Spacer for DN-T12-A and DN-T10-A series terminal blocks	DN-T10-A DN-T12-A	100	
DN-S1210MN			25	
DN-S86	Spacer for DN-T8 and DN-T6 series terminal blocks	DN-T8 DN-T6	100	
DN-S86MN			25	
DN-EMXM1SPA1	Spacer for single-level plug-in terminal blocks	DN-EMXM1 DN-QEMXM1	25	
DN-EMXDVSPA1	Spacer for double-level plug-in terminal blocks	DN-EMXDV DN-QEMXDV	25	
DN-FESPA	Spacer for DN-FE sockets and DN-DIS disconnects	DN-FE DN-DIS	50	
DN-FESPA-10			10	

Top Covers

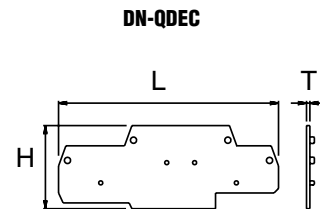
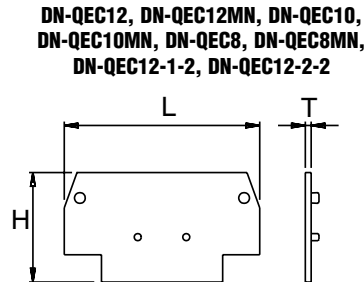
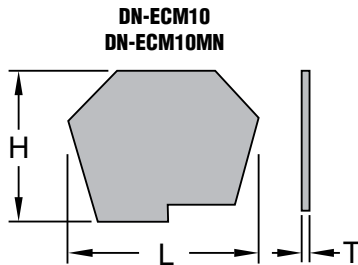
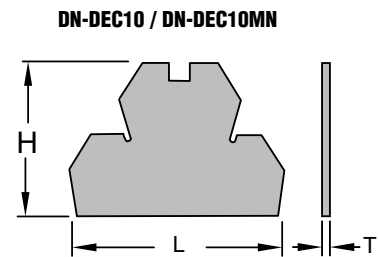
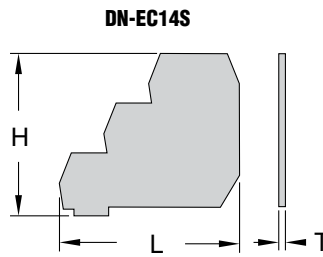
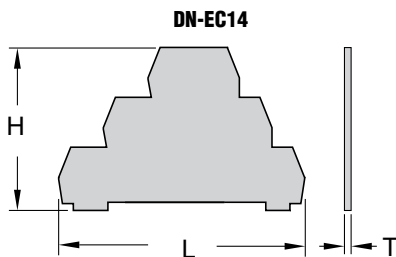
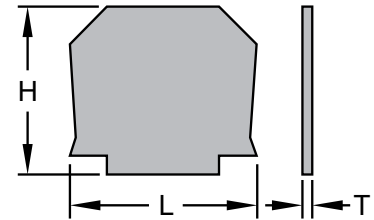
DINnectors Top Covers				
Part Number	Description	For Use with	Pcs/Pkg	Price
DN-C12	Top cover, clear, printed electrical symbol.	DN-T12-A	100	
DN-C12MN			25	
DN-C10	Top cover, clear, printed electrical symbol.	DN-T10-A	100	
DN-C10MN			25	
DN-C86	Top cover, clear, printed electrical symbol.	DN-T8 DN-T6	100	
DN-C86MN			25	
DN-DC10	Top cover, clear, printed electrical symbol.	DN-D10	100	
DN-DC10MN			25	
DN-MC10	Top cover, clear, printed electrical symbol.	DN-M10	100	
DN-MC10MN			25	

DINnectors[®] Accessories

DINnector End Covers and Spacers Dimensions

Part Number		Length	Height	Thickness
DN-EC1210	DN-EC1210MN	44mm [1.73 in]	35mm [1.38 in]	1.5 mm [0.06 in]
DN-S1210	DN-S1210MN	55mm [2.17 in]	44mm [1.73 in]	
DN-EC86	DN-EC86MN	50mm [1.97 in]	43mm [1.69 in]	
DN-S86	DN-S86MN	55mm [2.17 in]	49mm [1.93 in]	
DN-EC4	DN-EC4MN	56mm [2.21 in]	48mm [1.89 in]	
DN-EC1/O	DN-EC1/OMN	62mm [2.44 in]	60mm [2.36 in]	
DN-DEC10	DN-DEC10MN	72mm [2.80 in]	49mm [1.93 in]	
DN-EC14	–	78mm [3.08 in]	55mm [2.17 in]	
DN-EC14S	–	55mm [2.17 in]	50mm [1.97 in]	
DN-ECM10	DN-ECM10MN	32mm [1.26 in]	27mm [1.06 in]	
DN-ECKBD	DN-ECKBDmn	52mm [2.05 in]	34.5 mm [1.36 in]	
DN-EMXM1EC1	DN-EMXM1EC2	as shown on next page		
DN-EMXDVEC1	DN-EMXDVEC2			
DN-EMXDVSPA1	DN-EMXM1SPA1			
DN-FESPA	DN-FESPA-10			
DN-FESEP	DN-FESEP-10			
DN-QEC12	DN-QEC12mn	50mm [1.97 in]	23mm [0.9 in]	1.5 mm [0.06 in]
DN-QEC10	DN-QEC10mn	57.4 mm [2.26 in]	33.6 mm [1.32 in]	
DN-QEC8	DN-QEC8mn	63mm [2.48 in]	38.5 mm [1.52 in]	
DN-QEC12-1-2	–	68.5 mm [2.70 in]	28.5 mm [1.12 in]	
DN-QEC12-2-2	–	87.5 mm [3.44 in]	28.5 mm [1.12 in]	
DN-QDEC12	–	98mm [3.86 in]	37mm [1.46 in]	

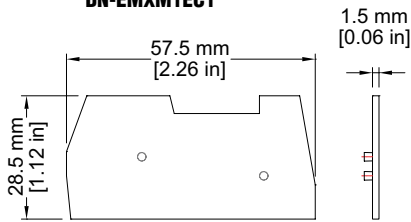
DN-EC1210, DN-EC1210MN DN-EC86, DN-EC86MN DN-EC4 (MN), DN-EC1/O (MN), DN-ECKBD (MN), DN-S1210, DN-S1210MN, DN-S86 (MN)



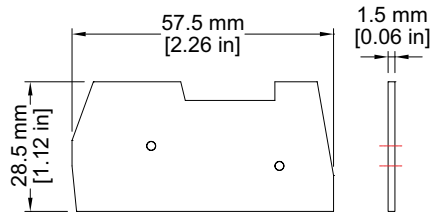
DINnectors Accessories

Dimensional Drawings

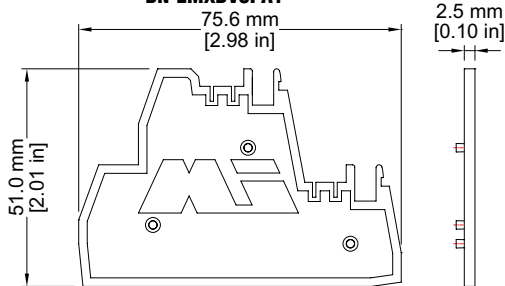
DN-EMXM1EC1



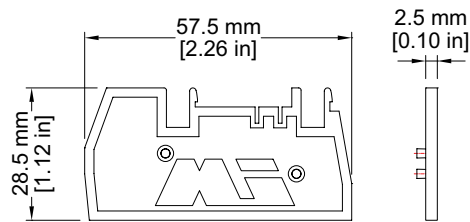
DN-EMXM1EC2



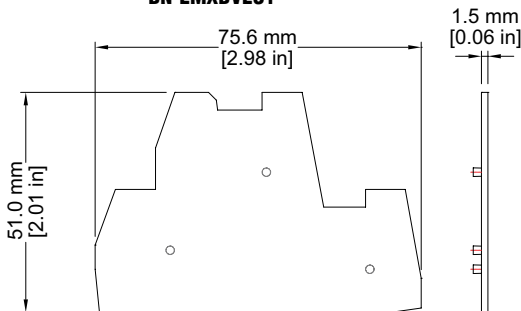
DN-EMXDVSPA1



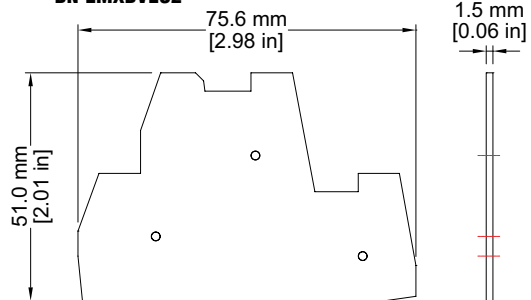
DN-EMXM1SPA1



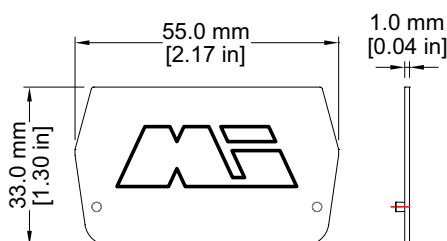
DN-EMXDVEC1



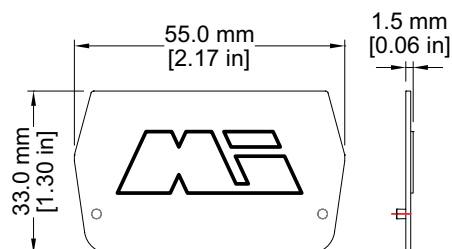
DN-EMXDVEC2



**DN-FESEP,
DN-FESEP-10**



DN-FESPA, DN-FESPA-10




DINnectors Accessories

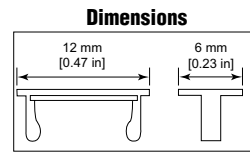
Marking Tags Cross Reference Charts - Screwless

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

DINnectors® Accessories

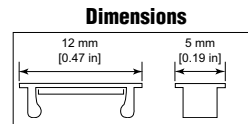
Marking Tags

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



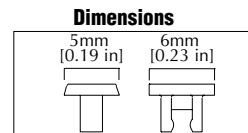
- Notes:
1. The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500.
 2. The DN-L tags fit all DINnectors 6mm wide and wider. There will be a gap between tags on blocks wider than 6mm.
 3. Material: Thermoplastic with heat embossed black print.

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



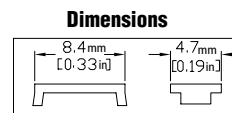
- Notes:
1. The marking sequence of 100 tags (i.e. 1-100) is printed five times in each package of 500.
 2. The DN-LA tags fit all DINnectors 5mm wide and wider. There will be a gap between tags on blocks wider than 5mm.
 3. Material: Thermoplastic with heat embossed black print.

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



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

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

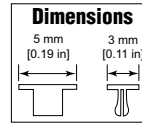


- Notes:
1. The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
 2. Material: Thermoplastic with heat embossed black print.

DINnectors® Accessories

Marking Tags continued

Marking Tags DN-LT Series			
Part#	Marking Sequence	Pcs/Pkg	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	

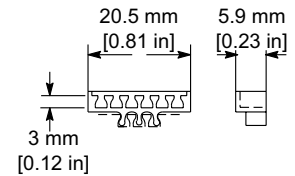


Note:

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

DN-MTA marking tag adapter

DN-MTA dimensions



Part#	Description	Pcs/Pkg	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.

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-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#	Description	Pcs/Pkg	Price Each
DN-MP	Indelible black ink marking pen	1	



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	
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	

Screwless DINnectors Cross Reference

Allen-Bradley Part Number	Screwless DINnectors Part Number
1492-R4	DN-Q10-A
1492-R4-B	DN-Q10B-A
1492-R3	DN-Q12-A
1492-R3T	DN-Q12-1-2-A
1492-R3Q	DN-Q12-2-2-A
1492-R3-B	DN-Q12B-A
1492-R3T-B	DN-Q12B-1-2-A
1492-R3Q-B	DN-Q12B-2-2-A
1492-R6	DN-Q8-A
1492-R6-B	DN-Q8B-A
1492-RD3	DN-QD12-A
1492-RD3-B	DN-QD12B-A
1492-RD3C	DN-QD12X-A
1492-TC4	DN-QEC10
1492-RG4	DN-QG10
1492-RG3	DN-QG12
1492-RG6	DN-QG8
1492-SM5x9	DN-QL100
1492-SM5x9	DN-QLB
1492-RG3T	DN-QG12-1-2
1492-RG3Q	DN-QG12-2-2
1492-RKD3	DN-QKBD12-A

Phoenix Part Number	Screwless DINnectors Part Number
3031364	DN-Q10-A
3031377	DN-Q10B-A
3031212	DN-Q12-A
3031241	DN-Q12-1-2-A
3031306	DN-Q12-2-2-A
3031225	DN-Q12B-A
3031254	DN-Q12B-1-2-A
3031319	DN-Q12B-2-2-A
3031487	DN-Q8-A
3031490	DN-Q8B-A
3031270	DN-QD12-A
3031283	DN-QD12B-A
3031539	DN-QD12X-A
3030420	DN-QEC10
3031380	DN-QG10
3031238	DN-QG12
3031500	DN-QG8
1050211	DN-QL100
1050004	DN-QLB
3104013	DN-QG12-1-2
3031267	DN-QG12-2-2
3031322	DN-QKBD12-A

Wago Part Number	Screwless DINnectors Part Number
282-901	DN-Q10-A
282-904	DN-Q10B-A
280-901	DN-Q12-A
280-681	DN-Q12-1-2-A
280-833	DN-Q12-2-2-A
280-904	DN-Q12B-A
280-684	DN-Q12B-1-2-A
280-834	DN-Q12B-2-2-A
284-601	DN-Q8-A
284-604	DN-Q8B-A
281-619	DN-QD12-A
281-629	DN-QD12B-A
N/A	DN-QD12X-A
282-325	DN-QEC10
282-907	DN-QG10
281-907	DN-QG12
284-907	DN-QG8
N/A	DN-QL100
209-xxx	DN-QLB
279-687	DN-QG12-1-2
279-837	DN-QG12-2-2
280-870	DN-QKBD12-A

Weidmuller Part Number	Screwless DINnectors Part Number
163205	DN-Q10-A
163206	DN-Q10B-A
160851	DN-Q12-A
160854	DN-Q12-1-2-A
160857	DN-Q12-2-2-A
160852	DN-Q12B-A
160855	DN-Q12B-1-2-A
160858	DN-Q12B-2-2-A
160862	DN-Q8-A
160863	DN-Q8B-A
167430	DN-QD12-A
167863	DN-QD12B-A
168999	DN-QD12X-A
163209	DN-QEC10
163208	DN-QG10
160864	DN-QG12
160867	DN-QG8
161000	DN-QL100
161000	DN-QLB
160865	DN-QG12-1-2
160866	DN-QG12-2-2
160868	DN-QKBD12-A