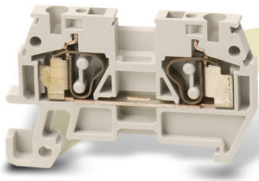


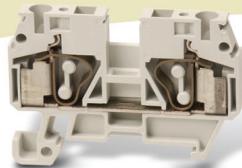
# Screwless DINnectors At A Glance

## Feed-through Terminal Blocks

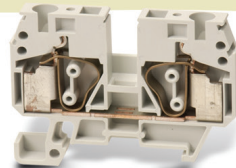
Feed-through terminal blocks are available in a number of wire size options to ensure flexibility and ease of installation for your DIN-rail mounted connection system.



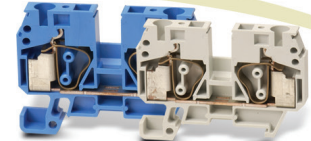
**DN-Q12-A**



**DN-Q10-A**



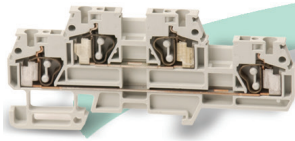
**DN-Q8-A**



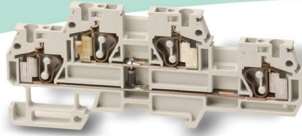
*Note: All feed-through terminal blocks come in gray or blue*

## Multi-level Terminal Blocks

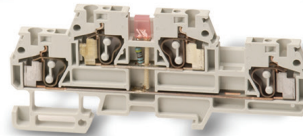
Double-level terminal blocks offer twice the wiring density of feed-through blocks.



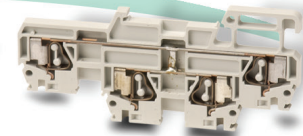
**DN-QD12-A**



**DN-QD12DR-A**



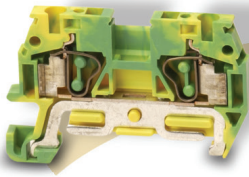
**DN-QD12L2-A**



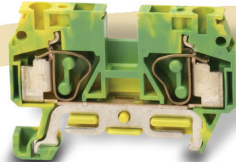
**DN-QD12X-A**

## Ground Terminal Blocks

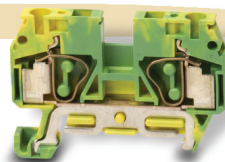
Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail, thus allowing the rail to function as a ground bus bar.



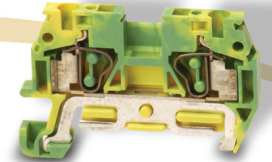
**DN-QG12**



**DN-QG10**



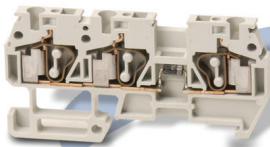
**DN-QG8**



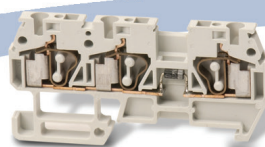
**DN-QG12-1-2**

## Common Point Terminal Blocks

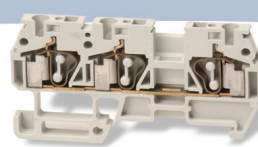
Common point blocks allow multiple wires to be connected by way of multiple spring clamps.



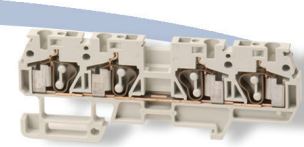
**DN-Q12-1-2-A**



**DN-Q12-1-2DR-A**



**DN-Q12-1-2-A**

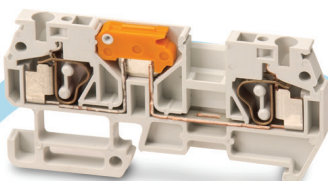


**DN-Q12-2-2-A**

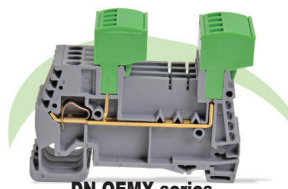
## Disconnect Terminal Blocks

## Plug-in Terminal Blocks

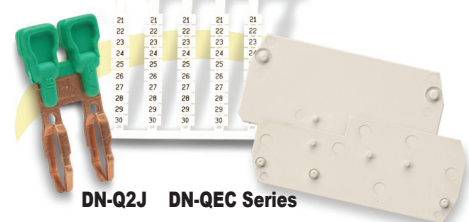
## Marking Tags & Accessories



**DN-QKBD12-A**



**DN-QEMX series**



**DN-Q2J DN-QEC Series**

The DN-QKBD12-A allows fast circuit disconnection without rewiring.

# Screwless Terminal Blocks Overview

## Why go screwless?

Screwless clamping technology offers several benefits:

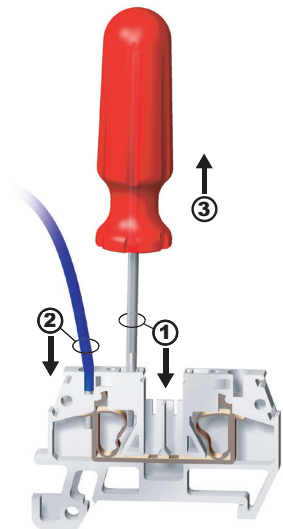
- **Speed:** On average, screwless connections can be made in half the time of screw type connections, cutting installation labor costs in half.
- **Ease:** No need for twisting and turning screws, so screwless terminal blocks are much easier on the installer's hands and arms. Also, wiring from the top 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, 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?

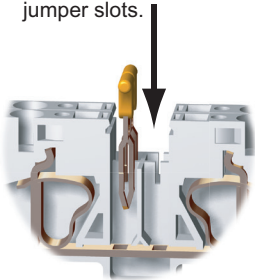
Well, it's pretty simple: Push, Insert, Release. Just push your screwdriver into the spring clamp (a rectangular shaped hole) to open the spring clamp (a circular shaped hole), insert the stripped wire into the clamp (a circular shaped hole), and pull out your screwdriver to release the clamp against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



## How do the jumpers work?

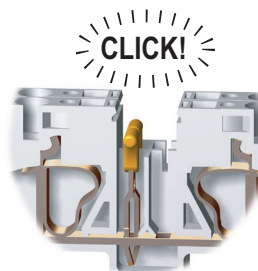
1

Properly align jumper bar with terminal block center jumper slots.

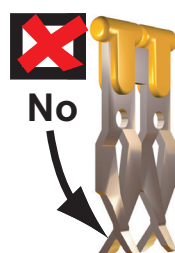
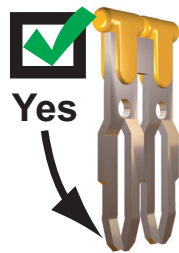
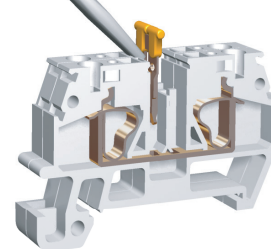


2

Push down until firmly seated.



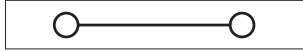
Removal



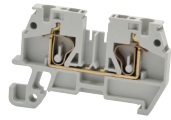
Yes = Good, acceptable jumper  
No = Bad, damaged jumper



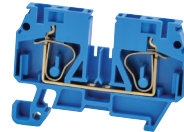
# Screwless Feed-Through Terminal Blocks



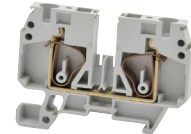
Feed-through terminal blocks provide the means to connect two wires together, and are available in sizes suitable for up to 8AWG wire. These terminal blocks are 35mm DIN rail mountable.



**DN-Q12-A**  
(Euro Q2.5/35)



**DN-Q10B-A**  
(Euro Q4/35)



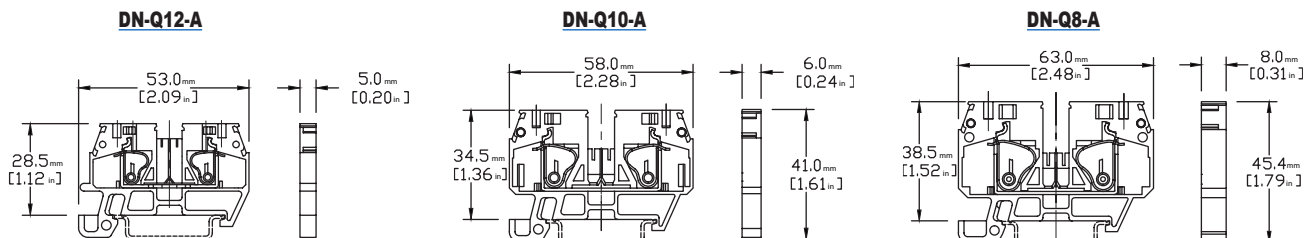
**DN-Q8-A**  
(Euro Q6/35)

Ordering Information										
	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price	
Gray Terminal Block	<a href="#">DN-Q12-A</a>	50	\$42.00	<a href="#">DN-Q10-A</a>	50	\$41.00	<a href="#">DN-Q8-A</a>	50	\$64.00	
Blue Terminal Block	<a href="#">DN-Q12B-A</a>	50	\$43.50	<a href="#">DN-Q10B-A</a>	50	\$43.50	<a href="#">DN-Q8B-A</a>	50	\$69.00	
Description	Screwless feed-through terminal blocks			Screwless feed-through terminal blocks			Screwless feed-through terminal blocks			
Technical Specifications										
Stripping Length	12mm [0.47 in]			15mm [0.59 in]			18mm [0.71]			
Density	200/m [60 pcs/ft]			166/m [50 pcs/ft]			125/m [38 pcs/ft]			
UL Approval*	600V	20A	24-12 AWG	600V	30A	24-10 AWG	600V	45A	22-8 AWG	
VDE Approval	630V	24A	2.5 mm <sup>2</sup>	630V	32A	4mm <sup>2</sup>	630V	41A	6mm <sup>2</sup>	
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 Covers	<a href="#">DN-QEC12</a>	50	\$21.50	<a href="#">DN-QEC10</a>	50	\$21.50	<a href="#">DN-QEC8</a>	50	\$25.50	
	<a href="#">DN-QEC12MN</a>	10	\$5.25	<a href="#">DN-QEC10MN</a>	10	\$5.25	<a href="#">DN-QEC8MN</a>	10	\$5.75	
Jumpers	2-pole	<a href="#">DN-2J2Y</a>	100	\$43.00	<a href="#">DN-2J4Y</a>	100	\$46.00	<a href="#">DN-2J6Y</a>	100	\$60.00
		<a href="#">DN-2J2YMN</a>	25	\$13.00	<a href="#">DN-2J4YMN</a>	25	\$14.50	<a href="#">DN-2J6YMN</a>	25	\$15.00
	3-pole	<a href="#">DN-3J2Y</a>	100	\$62.00	<a href="#">DN-3J4Y</a>	100	\$74.00	<a href="#">DN-3J6Y</a>	100	\$84.00
		<a href="#">DN-3J2YMN</a>	25	\$18.00	<a href="#">DN-3J4YMN</a>	25	\$22.00	<a href="#">DN-3J6YMN</a>	25	\$23.50
	Multi-pole	<a href="#">DN-24J2Y</a>	5	\$28.00	<a href="#">DN-24J4Y</a>	5	\$29.50	<a href="#">DN-12J6Y</a>	10	\$35.50
	Jumper Cutting Tool	<a href="#">DN-J2CUT</a>	1	\$79.00	<a href="#">DN-J4CUT</a>	1	\$79.00	-		
35mm DIN Rail	7.5 mm high	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00
		<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00
End Brackets	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	
	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	
	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	
	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	
	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	
	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	
Angled Support Bracket	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	
Marking Tags	<a href="#">DN-QL Series</a>	500	various	<a href="#">DN-QL Series</a>	500	various	<a href="#">DN-QL Series</a>	500	various	

\*Copper wire only

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

## Dimensions

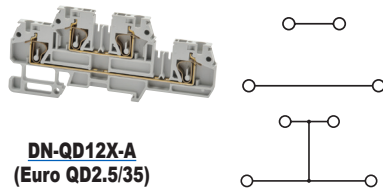




# Screwless Double-Level Terminal Blocks

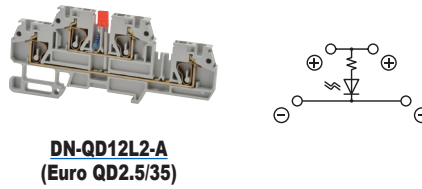
## DN-QD12-A DN-QD12X-A

Double-level terminal blocks offer twice the wiring density of feed-through blocks. The DN-QD12X-A version is supplied with an internal jumper to common all four of its connection points.



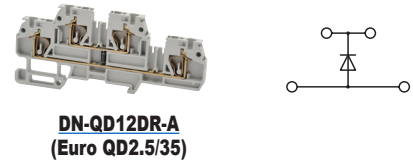
## LED version

This style is available with LED indicator installed. The LED illuminates when voltage is present. The DN-QD12L2-A version is for 12 - 24 VAC/DC circuits, and includes current limiting elements.



## Diode version

Typically, an inductive load produces a spike when it is turned off. These terminal blocks with built-in diode help protect your PLC's output circuits. (Please see application note AN-MISC-032 at <http://support.automationdirect.com/docs/an-misc-032.pdf>)

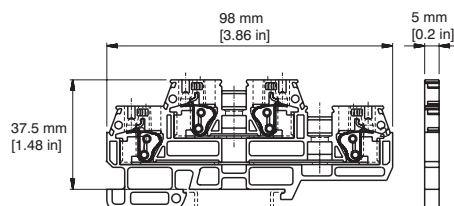


Ordering Information													
	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price	
Gray Terminal Blk	<a href="#">DN-QD12-A</a>	25	\$61.00	<a href="#">DN-QD12X-A</a>	10	\$41.00	<a href="#">DN-QD12L2-A</a>	10	\$42.00	<a href="#">DN-QD12DR-A</a>	10	\$41.00	
Blue Terminal Blk	<a href="#">DN-QD12B-A</a>	25	\$64.00	<a href="#">DN-QD12XB-A</a>	10	\$42.50	-		-				
Description	Double-level screwless terminal blocks			Double-level screwless cross-connected terminal blocks			Double-level screwless terminal blocks w/ LED installed for visual circuit indication			Double-level screwless terminal blocks w/diode installed for circuit protection			
Technical Specifications													
Stripping Length	12mm [0.47 in]			12mm [0.47 in]			12mm [0.47 in]			12mm [0.47 in]			
Density	200/m [60 pcs/ft]			200/m [60 pcs/ft]			200/m [60 pcs/ft]			200/m [60 pcs/ft]			
UL Approval*	600V	20A	24-12 AWG	600V	20A	24-12AWG	600V	20A	24-12 AWG	600V	1A diode	24-12 AWG	
VDE Approval	500V	24A	2.5 mm <sup>2</sup>	500V	24A	2.5 mm <sup>2</sup>	500V	24A	2.5 mm <sup>2</sup>	500V	1A diode	2.5 mm <sup>2</sup>	
LED Voltage	-			-			12 -24 VAC/DC. 3.4 kΩ			-			
Operating Temp	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 Covers	<a href="#">DN-QDEC12</a>	25	\$16.50	<a href="#">DN-QDEC12</a>	25	\$16.50	<a href="#">DN-QDEC12</a>	25	\$16.50	<a href="#">DN-QDEC12</a>	25	\$16.50	
Jumpers	2-pole	<a href="#">DN-2J2Y</a>	100	\$43.00	<a href="#">DN-2J2Y</a>	100	\$43.00	<a href="#">DN-2J2Y</a>	100	\$43.00	<a href="#">DN-2J2Y</a>	100	\$43.00
		<a href="#">DN-2J2YMN</a>	25	\$13.00	<a href="#">DN-2J2YMN</a>	25	\$13.00	<a href="#">DN-2J2YMN</a>	25	\$13.00	<a href="#">DN-2J2YMN</a>	25	\$13.00
	3-pole	<a href="#">DN-3J2Y</a>	100	\$62.00	<a href="#">DN-3J2Y</a>	100	\$62.00	<a href="#">DN-3J2Y</a>	100	\$62.00	<a href="#">DN-3J2Y</a>	100	\$62.00
		<a href="#">DN-3J2YMN</a>	25	\$18.00	<a href="#">DN-3J2YMN</a>	25	\$18.00	<a href="#">DN-3J2YMN</a>	25	\$18.00	<a href="#">DN-3J2YMN</a>	25	\$18.00
	24-pole	<a href="#">DN-24J2Y</a>	5	\$28.00	<a href="#">DN-24J2Y</a>	5	\$28.00	<a href="#">DN-24J2Y</a>	5	\$28.00	<a href="#">DN-24J2Y</a>	5	\$28.00
	Cutting Tool	<a href="#">DN-J2CUT</a>	1	\$79.00	<a href="#">DN-J2CUT</a>	1	\$79.00	<a href="#">DN-J2CUT</a>	1	\$79.00	<a href="#">DN-J2CUT</a>	1	\$79.00
35mm DIN Rail	7.5 mm high	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00
		<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00
End Brackets	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	
	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	
	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	
	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	
	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	
	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	
Angled Support Bracket	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	
Marking Tags	DN-QL Series	500	various	DN-QL Series	500	various	DN-QL Series	500	various	DN-QL Series	500	various	

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

## Dimensions

DN-QD12-A Series



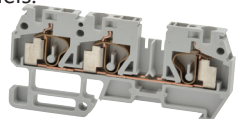
Note: Jumpering and testing capability on bottom level only, for DN-QD12X, DN-QD12L2 and DN-QD12DR.



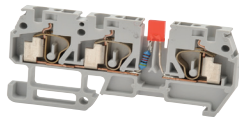
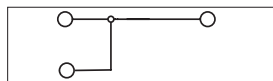
# Screwless One-Connection to Two-Connection Terminal Blocks

Unlike screw terminal blocks, screwless terminal block spring clamps are designed to clamp a single wire. If your application requires multiple wires to be tied together, we offer multiple versions, including one-to-two and two-to-two models.

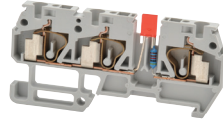
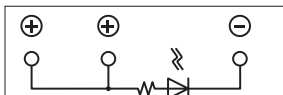
These versions allow multiple wires to be connected together by way of multiple spring clamps and are 35mm DIN-rail mountable. LED and diode variations are also available in this style.



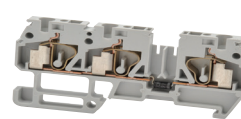
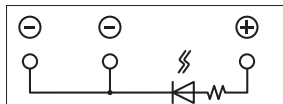
**DN-Q12-1-2-A**  
(Euro QM1/2 2.5/35)



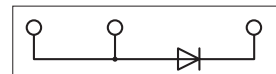
**DN-Q12-1-2L1-A**  
(Euro QM1/2 2.5/35)



**DN-Q12-1-2L2-A**  
(Euro QM1/2 2.5/35)



**DN-Q12-1-2DR-A**  
(Euro QM1/2 2.5/35)



1N4007 Reverse bias diode  
(See Diode information located on page tTBL-60)

## Ordering Information

	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price
Gray Term Block	<a href="#">DN-Q12-1-2-A</a>	25	\$39.50	<a href="#">DN-Q12-1-2L1-A</a>	10	\$39.00	<a href="#">DN-Q12-1-2L2-A</a>	10	\$39.00	<a href="#">DN-Q12-1-2DR-A</a>	10	\$35.00
Blue Term Block	<a href="#">DN-Q12B-1-2-A</a>	25	\$42.00	-	-	-	-	-	-	-	-	-
<b>Description</b>	One-connection to two-connection screwless terminal block for 24-12 AWG wire			One negative connection to two positive connection screwless terminal block for 24-12 AWG wire. LED installed for visual circuit indication			One positive connection to two negative connection screwless terminal block for 24-12 AWG wire. LED installed for visual circuit indication			One-connection to two-connection screwless terminal block for 24-12 AWG wire. 1N4007 reverse bias diode installed for circuit protection		

## Technical Specifications

<b>Stripping Length</b>	12mm [0.47 in]			12mm [0.47 in]			12mm [0.47 in]			12mm [0.47 in]		
<b>Density</b>	200/m [60 pcs/ft]			200/m [60 pcs/ft]			200/m [60 pcs/ft]			200/m [60 pcs/ft]		
<b>UL Approval*</b>	600V	20A	24-12 AWG	600V	20A	24-12AWG	600V	20A	24-12 AWG	600V	1A diode	24-12 AWG
<b>VDE Approval</b>	630V	24A	2.5 mm <sup>2</sup>	630V	24A	2.5 mm <sup>2</sup>	630V	24A	2.5 mm <sup>2</sup>	630V	1A diode	2.5 mm <sup>2</sup>
<b>LED Voltage</b>	-			12-24 VAC/DC 3.4 kΩ			12-24 VAC/DC 3.4 kΩ			-		
<b>Operating Temp</b>	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]											
<b>SCCR Rating</b>	10kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components											
<b>CE Conformity</b>	CE (EN 60947-1 / EN 60947-7-1)											
<b>Agency File #</b>	UL E179129											

## Accessories

<b>End Covers</b>	<a href="#">DN-QEC12-1-2</a>	25	\$15.00	<a href="#">DN-QEC12-1-2</a>	25	\$15.00	<a href="#">DN-QEC12-1-2</a>	25	\$15.00	<a href="#">DN-QEC12-1-2</a>	25	\$15.00
<b>Jumper</b>	<b>2-pole</b>	<a href="#">DN-2J2Y</a>	100	\$43.00	-	-	-	-	-	-	-	-
		<a href="#">DN-2J2YMN</a>	25	\$13.00								
	<b>3-pole</b>	<a href="#">DN-3J2Y</a>	100	\$62.00								
		<a href="#">DN-3J2YMN</a>	25	\$18.00								
<b>24-pole</b>	<a href="#">DN-24J2Y</a>	5	\$28.00									
<b>Cutting Tool</b>	<a href="#">DN-J2CUT</a>	1	\$79.00	<a href="#">DN-J2CUT</a>	1	\$79.00	<a href="#">DN-J2CUT</a>	1	\$79.00	<a href="#">DN-J2CUT</a>	1	\$79.00
<b>35mm DIN Rail</b>	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00
	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00
<b>End Brackets</b>	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00
	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50
	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50
	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00
	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50
	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50
<b>Angled Support Bracket</b>	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00
<b>Marking Tags</b>	DN-QL Series	500	various	DN-QL Series	500	various	DN-QL Series	500	various	DN-QL Series	500	various

\* Copper wire only.

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



# Screwless One-Connection to Two-Connection Terminal Blocks

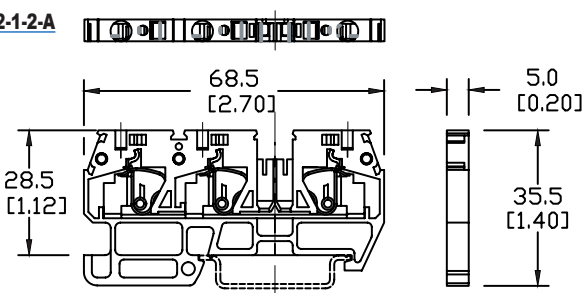
1N4007 Diode Information		
<b>RMS Reverse Voltage*</b>	<i>V (Rrms)</i>	600V
<b>Average Rectified Forward Current Single Phase, Resistive Load, 60Hz</b>	<i>I (O)</i>	1.0 A
<b>Non-Repetitive Peak Surge Current (Surge applied at rated load)</b>	<i>I (FSM)</i>	30A (1 cycle)
<b>Maximum Forward Voltage Drop [<i>I (F)</i> = 1.0 A]</b>	<i>V (F)</i>	1.1 V
<b>Maximum Reverse Current</b>	<i>I (R)</i>	10eA

\* The maximum reverse voltage rating of the diode alone is 1000V, but should not exceed the maximum 600V rating of the terminal block.

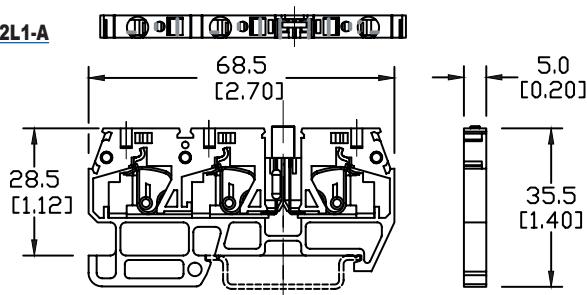
## Dimensions

mm [inches]

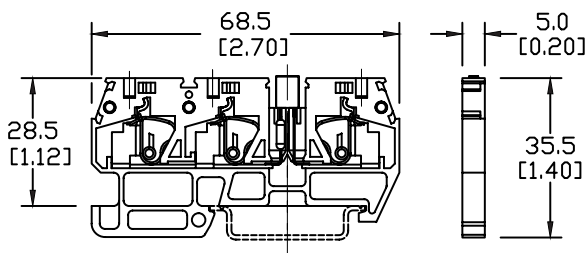
**DN-Q12-1-2-A**



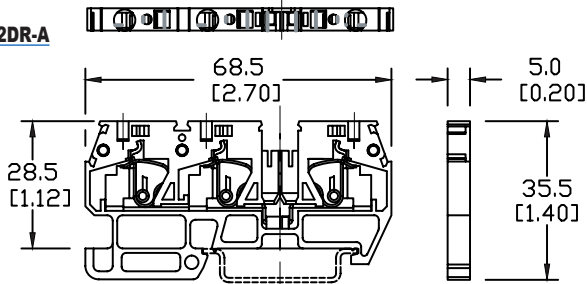
**DN-Q12-1-2L1-A**



**DN-Q12-1-2L2-A**



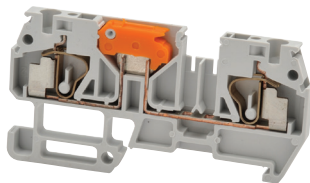
**DN-Q12-1-2DR-A**





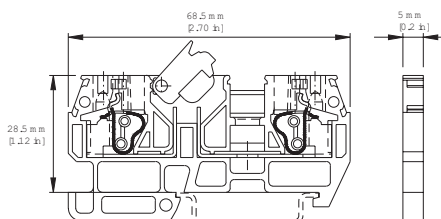
# Screwless Knife-Blade Disconnect Terminal Blocks

The DN-QKBD12-A allows fast circuit disconnection without rewiring and is 35mm DIN-rail mountable. This model provides circuit disconnection capability by means of a pivoting, insulated "knife blade."



**DN-QKBD12-A (Euro QT2.5/35)**

## Dimensions



**WARNING: DO NOT DISCONNECT UNDER LOAD**

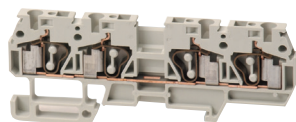
Knife - Blade Disconnect Screwless Terminal Block				
		Part Number	Qty	Price
<b>Gray Terminal Block</b>		<b>DN-QKBD12-A</b>	25	\$72.00
<b>Description</b>		Knife-blade disconnect screwless terminal block for 24-12 AWG wire		
Specifications				
<b>Wire Strip Length</b>		12mm [0.47 in]		
<b>Density</b>		200/m [60 pcs/ft]		
<b>UL Approval*</b>		600V	20A	24-12 AWG
<b>VDE Approval</b>		630V	24A	2.5 mm <sup>2</sup>
<b>Operating Temperature</b>		Ambient air temperature: -20 to 85°C [-4 to 185°F] Relative humidity: 50% max at 40°C [104°F]; 90% max at 20°C [68°F]		
<b>SCCR</b>		10kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components		
<b>CE Conformity</b>		CE (EN 60947-1 / EN 60947-7-1)		
<b>Agency File #</b>		UL E179129		
Accessories				
		Part Number	Pcs/ Pkg	Price
<b>End Cover</b>		<b>DN-QEC12-1-2</b>	25	\$15.00
<b>Jumpers</b>	<b>2-pole</b>	<b>DN-2J2Y</b>	100	\$43.00
		<b>DN-2J2YMN</b>	25	\$13.00
	<b>3-pole</b>	<b>DN-3J2Y</b>	100	\$62.00
<b>DN-3J2YMN</b>		25	\$18.00	
	<b>24-pole</b>	<b>DN-24J2Y</b>	5	\$28.00
<b>Jumper Cutting Tool</b>		<b>DN-J2CUT</b>	1	\$79.00
<b>35mm DIN Rail</b>	<b>7.5 mm high</b>	<b>DN-R35S1</b>	10	\$39.00
		<b>DN-R35S1-2</b>	2	\$11.00
<b>End Brackets</b>		<b>DN-EB35</b>	50	\$67.00
		<b>DN-EB35MN</b>	20	\$31.50
		<b>DN-EB35-A</b>	50	\$47.50
		<b>DN-EB35-A-10</b>	10	\$12.00
		<b>DN-QEB35</b>	50	\$42.50
		<b>DN-QEB35-10</b>	10	\$11.50
<b>Angled Support Bracket</b>		<b>DN-ASB1</b>	50	\$107.00
<b>Marking Tags</b>		<b>DN-QL Series</b>	500	various

\* Copper wire only.

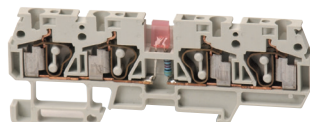
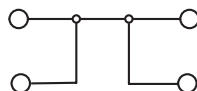
For more information on accessories, see the DINnectors Accessories section of this chapter.



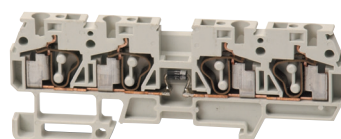
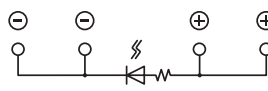
# Screwless Two-Connection to Two-Connection Terminal Blocks



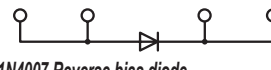
**DN-Q12-2-2-A**  
(Euro QM2/2 2.5/35)



**DN-Q12-2-2L2-A**  
(Euro QM2/2 2.5/35)



**DN-Q12-2-2D2-A**  
(Euro QM2/2 2.5/35)



1N4007 Reverse bias diode  
(See Diode information located on page tTBL-60)

## Ordering Information

	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price
Gray Terminal Block	<a href="#">DN-Q12-2-2-A</a>	25	\$42.00	<a href="#">DN-Q12-2-2L2-A</a>	10	\$42.50	<a href="#">DN-Q12-2-2D2-A</a>	10	\$36.00
Blue Terminal Block	<a href="#">DN-Q12B-2-2-A</a>	25	\$43.50	-	-	-	-	-	-
Description	Two-connection to two-connection screwless terminal block for 24-12 AWG wire			Two-connection to two-connection screwless terminal block for 24-12 AWG wire. LED installed for visual circuit indication			Two-connection to two-connection screwless terminal block for 24-12 AWG wire. Reverse bias diode installed for circuit protection		

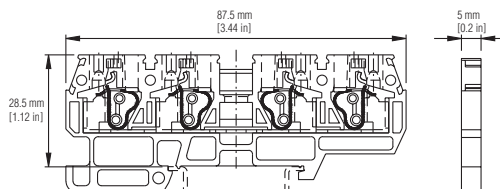
## Technical Specifications

Stripping Length	12mm [0.47 in]			12mm [0.47 in]			12mm [0.47 in]		
Density	200/m [60 pcs/ft]			200/m [60 pcs/ft]			200/m [60 pcs/ft]		
UL Approval*	600V	20A	24-12 AWG	600V	20A	24-12 AWG	600V	1A Diode	24-12 AWG
VDE Approval	630V	20A	2.5 mm <sup>2</sup>	630V	24A	2.5 mm <sup>2</sup>	630V	1A Diode	2.5 mm <sup>2</sup>
LED Voltage	-			12 - 24 VAC/DC 3.4 kΩ			-		
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	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	<a href="#">DN-QEC12-2-2</a>	25	\$16.50	<a href="#">DN-QEC12-2-2</a>	25	\$16.50	<a href="#">DN-QEC12-2-2</a>	25	\$16.50	
Jumpers	2-pole	<a href="#">DN-2J2Y</a>	100	\$43.00	-	-	-	-	-	
		<a href="#">DN-2J2YMN</a>	25	\$13.00						
	3 pole	<a href="#">DN-3J2Y</a>	100	\$62.00						
		<a href="#">DN-3J2YMN</a>	25	\$18.00						
24-pole	<a href="#">DN-24J2Y</a>	5	\$28.00							
Jumper Cutting Tool	<a href="#">DN-J2CUT</a>	1	\$79.00							
DIN Rail	7.5 mm high	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00
		<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00
End Bracket		<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00
		<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50
		<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50
		<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00
		<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-qeb35</a>	50	\$42.50
		<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50
Angled Support Bracket	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	
Marking Tags	DN-QL Series	500	various	DN-QL Series	500	various	DN-QL Series	500	various	

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

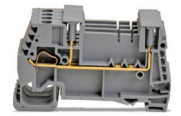




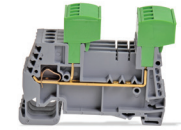


Single and double-level DN-QEMXxx screwless plug-in terminal blocks with spring terminals accept all DN-xxPLUG Euro plugs. These terminal blocks are 35mm DIN-rail mountable.

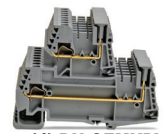
# Screwless Plug-In Terminal Blocks



(4) DN-QEMXM1  
EURO XM1/2V 2.5/35



(4) DN-QEMXM1 with  
(2) DN-4PLUG

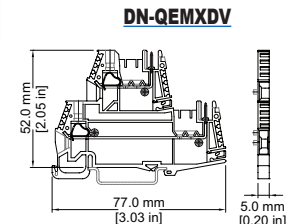
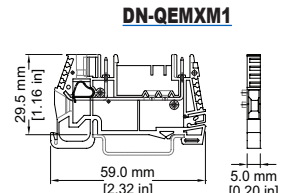


(4) DN-QEMXDV  
EURO XDV 2.5/35



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

Ordering Information							
	Part Number	Qty	Price	Part Number	Qty	Price	
Gray Terminal Block	DN-QEMXM1	32	\$63.00	DN-QEMXDV	32	\$81.00	
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	10kA 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						
Accessories							
End Cover	left (open) side	DN-EMXM1EC1	25	\$15.00	DN-EMXDVEC1	25	\$15.00
	right (closed) side	DN-EMXM1EC2	25	\$15.00	DN-EMXDVEC2	25	\$15.00
Spacer	either side	DN-EMXM1SPA1	25	\$13.00	DN-EMXM1SPA1	25	\$13.00
Jumpers	2-pole	DN-2J2Y	100	\$43.00	DN-2J2Y	100	\$43.00
		DN-2J2YMN	25	\$13.00	DN-2J2YMN	25	\$13.00
	3-pole	DN-3J2Y	100	\$62.00	DN-3J2Y	100	\$62.00
		DN-3J2YMN	25	\$18.00	DN-3J2YMN	25	\$18.00
	24-pole	DN-24J2Y	5	\$28.00	DN-24J2Y	5	\$28.00
		DN-24J2YMN	5	\$28.00	DN-24J2YMN	5	\$28.00
Jumper Cutting Tool		DN-J2CUT	1	\$79.00	DN-J2CUT	1	\$79.00
Pin Protector – 4-pole		DN-EMPEG1 ***	16	\$4.00	DN-EMPEG1 ***	16	\$4.00
35mm DIN Rail	7.5 mm high	DN-R35S1	10	\$39.00	DN-R35S1	10	\$39.00
		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-R35HS1-2	2	\$16.50	DN-R35HS1-2	2	\$16.50
End Bracket		DN-EB35	50	\$67.00	DN-EB35	50	\$67.00
		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-10	10	\$12.00	DN-EB35-A-10	10	\$12.00
		DN-QEB35	50	\$42.50	DN-QEB35	50	\$42.50
		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
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 section.

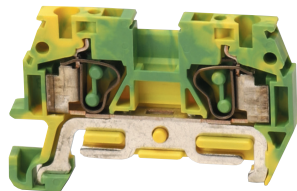
Accessories – Terminal Plugs									
*Part Number	Number of Poles	Length in [mm]	Qty	Price	*Part Number	Number of Poles	Length in [mm]	Qty	Price
DN-2PLUG	2	0.40	200	\$115.00	DN-8PLUG	8	1.60	50	\$117.00
DN-2PLUGMN		[10.2]	10	\$7.25	DN-8PLUGMN		[40.6]	5	\$14.50
DN-3PLUG	3	0.60	200	\$177.00	DN-9PLUG	9	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.

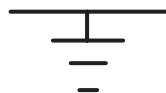
Terminal Plugs Ratings	
Voltage/Current	300V, 12A
Wire Gauge	14–22 AWG, CU only
Torque	Tightening Torque: 0.51 N·m [4.5 lb·in]
Operating Temperature	Ambient air temp: -20 to 105°C [-4 to 221°F] Relative humidity: 50% max at 40°C [104°F]; 90% max at 20°C [68°F]
Agency Approvals	UL file #: E179129



# Screwless Ground Terminal Blocks



**DN-QG12**  
(Euro QE2.5/35)



Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

Ground blocks are molded in green and yellow per international standards and are 35mm DIN-rail mountable.

## Ordering Information

	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price
Green/Yellow Block	<a href="#">DN-QG12</a>	10	\$32.00	<a href="#">DN-QG10</a>	10	\$33.50	<a href="#">DN-QG8</a>	10	\$41.00

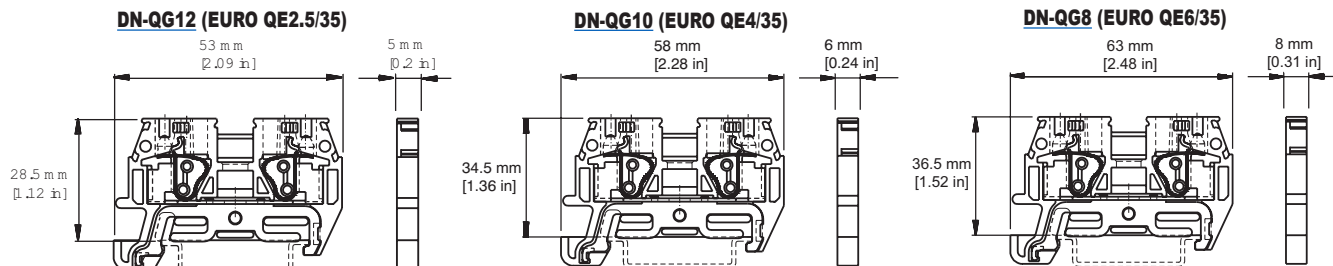
## Technical Specifications

<b>Stripping Length</b>	12mm [0.47 in]	15mm [0.59 in]	18mm [0.71 in]
<b>Density</b>	200/m [60 pcs/ft]	166/m [50 pcs/ft]	125/m [38 pcs/ft]
<b>UL Approval</b>	24-12 AWG	24-10 AWG	22-8 AWG
<b>VDE Approval</b>	2.5 mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>
<b>Operating Temperature</b>	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]		
<b>SCCR Rating</b>	10kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components		
<b>CE Conformity</b>	CE (EN 60947-1 / EN 60947-2)		
<b>Agency File #</b>	UL E179129		

## Accessories

<b>End Cover</b>	<a href="#">DN-QEC12</a>	50	\$21.50	<a href="#">DN-QEC10</a>	50	\$21.50	<a href="#">DN-QEC8</a>	50	\$25.50
	<a href="#">DN-QEC12MN</a>	10	\$5.25	<a href="#">DN-QEC10MN</a>	10	\$5.25	<a href="#">DN-QEC8MN</a>	10	\$5.75
<b>35mm DIN Rail</b>	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00
	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00
<b>End Brackets</b>	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00
	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50
	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50
	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00
	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50
	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50
<b>Angled Support Bracket</b>	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00
<b>Marking Tags</b>	DN-QL Series	500	various	DN-QL Series	500	various	DN-QL Series	500	various

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





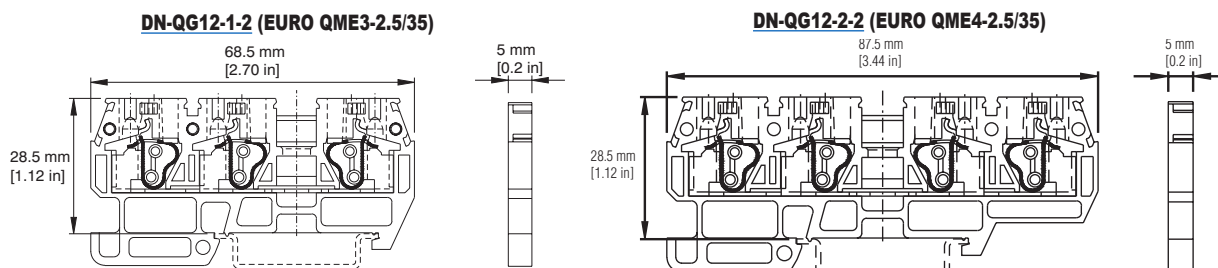
# Screwless Ground Terminal Blocks



**DN-QG12-1-2**  
(EURO QME3-2.5/35)

Ordering Information						
	Part Number	Qty	Price	Part Number	Qty	Price
Green/Yellow Block	<a href="#">DN-QG12-1-2</a>	10	\$56.00	<a href="#">DN-QG12-2-2</a>	10	\$64.00
Technical Specifications						
Stripping Length	12mm [0.47 in]		12mm [0.47 in]			
Density	200/m [60 pcs/ft]		200/m [60 pcs/ft]			
UL Approval	24-12 AWG		24-12 AWG			
VDE Approval	2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>			
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 60947-7-2)					
Agency File #	UL E179129					
Accessories						
End Cover	<a href="#">DN-QEC12-1-2</a>	25	\$15.00	<a href="#">DN-QEC12-2-2</a>	25	\$16.50
35mm DIN Rail	<a href="#">DN-R35S1</a>	10	\$39.00	<a href="#">DN-R35S1</a>	10	\$39.00
	<a href="#">DN-R35S1-2</a>	2	\$11.00	<a href="#">DN-R35S1-2</a>	2	\$11.00
End Brackets	<a href="#">DN-EB35</a>	50	\$67.00	<a href="#">DN-EB35</a>	50	\$67.00
	<a href="#">DN-EB35MN</a>	20	\$31.50	<a href="#">DN-EB35MN</a>	20	\$31.50
	<a href="#">DN-EB35-A</a>	50	\$47.50	<a href="#">DN-EB35-A</a>	50	\$47.50
	<a href="#">DN-EB35-A-10</a>	10	\$12.00	<a href="#">DN-EB35-A-10</a>	10	\$12.00
	<a href="#">DN-QEB35</a>	50	\$42.50	<a href="#">DN-QEB35</a>	50	\$42.50
	<a href="#">DN-QEB35-10</a>	10	\$11.50	<a href="#">DN-QEB35-10</a>	10	\$11.50
Angled Support Bracket	<a href="#">DN-ASB1</a>	50	\$107.00	<a href="#">DN-ASB1</a>	50	\$107.00
Marking Tags	DN-QL-Series	500	various	DN-QL Series	500	various

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



# **DINnectors** Accessories

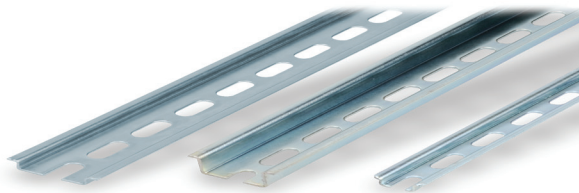
## Steel DIN Rails Features

### 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 BRX, CLICK, DirectLogic and Productivity series. 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



Steel DIN Rails Specifications									
	Part Number	Qty	Price	Part Number	Qty	Price	Part Number	Qty	Price
<b>DIN Rail</b>	<a href="#"><u>DN-R35S1</u></a>	10	\$39.00	<a href="#"><u>DN-R35HS1</u></a>	10	\$68.00	<a href="#"><u>DN-R15S1</u></a>	10	\$36.00
	<a href="#"><u>DN-R35S1-2</u></a>	2	\$11.00	<a href="#"><u>DN-R35HS1-2</u></a>	2	\$16.50	<a href="#"><u>DN-R15S1-2</u></a>	2	\$10.00
<b>Description</b>	DINnectors DIN rail, slotted, 35mm, 7.5mm height, 1m length, plated steel. Package of 10.			DINnectors DIN rail, slotted, 35mm, 15mm height, 1m length, plated steel. Package of 10.			DINnectors DIN rail, slotted, 15mm, 5.5mm height, 1m length, plated steel. Package of 2.		
<b>Plating</b>	Zinc-plated and chromated								
<b>International Standards</b>	EN 60715, RoHs								
<b>Suggested Mounting Screw Type</b>	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)



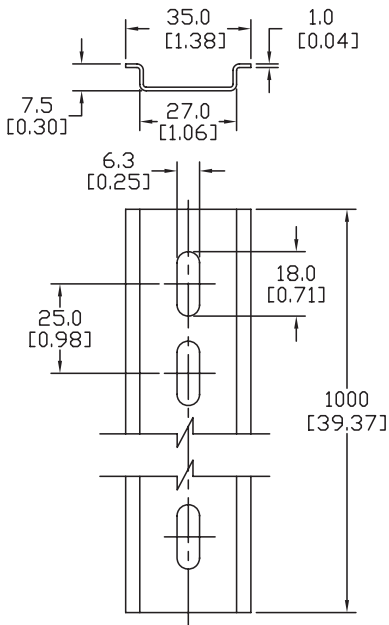
Aluminum DIN Rails Specifications						
	Part Number	Qty	Price	Part Number	Qty	Price
<b>DIN Rail</b>	<a href="#"><u>DN-R35SAL1</u></a>	10	\$60.00	<a href="#"><u>DN-R35SAL2-2</u></a>	2	\$38.00
	<a href="#"><u>DN-R35SAL1-2</u></a>	2	\$16.00			
<b>Description</b>	DINnectors DIN rail, slotted, 35mm, 10mm height, 1m length, aluminum. Package of 10.			DINnectors DIN rail, slotted, 2in raised 35mm, 7.5mm height, 1m length, aluminum. Package of 2.		
<b>Plating</b>	Galvanic zinc plating, non-anodized finish					
<b>International Standards</b>	DIN 50960, RoHs					
<b>Suggested Mounting Screw Type</b>	#10-32 or M5					

# DINnectors<sup>®</sup> Accessories

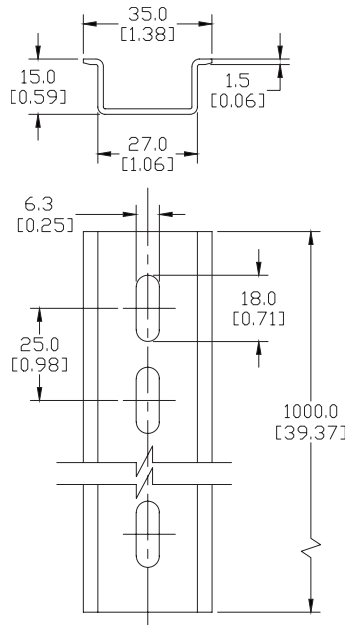
## Dimensions

mm [inches]

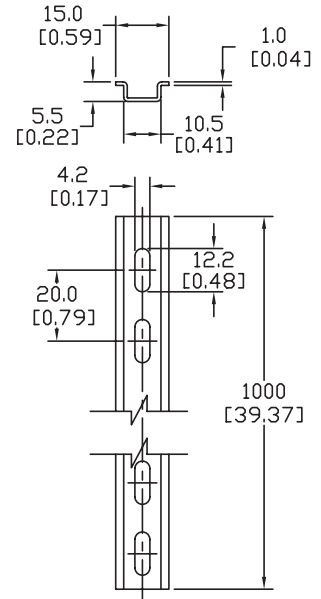
**DN-R35S1**



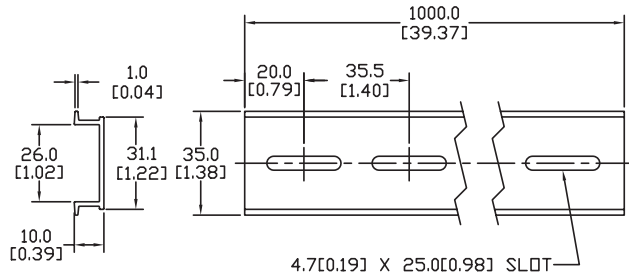
**DN-R35HS1-2**



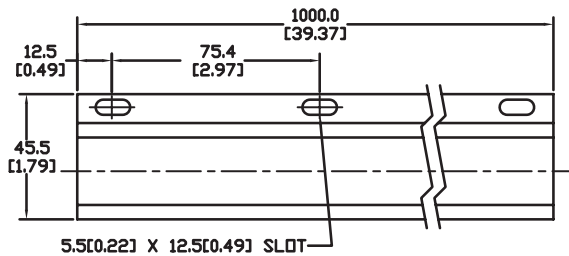
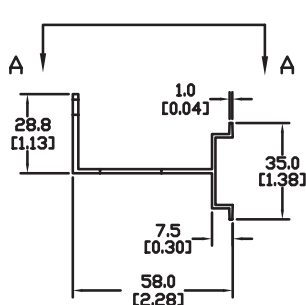
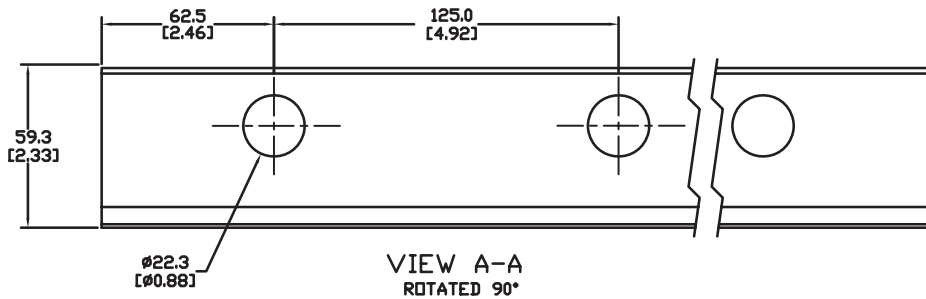
**DN-R15S1**



**DN-R35SAL1**  
**DN-R35SAL1-2**



**DN-R35SAL2-2**



# **DINnectors** Accessories

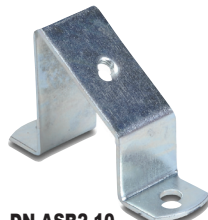
## DIN rail support brackets

- 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	Qty	Price
<a href="#">DN-ASB1</a>	30° angled DIN rail support bracket (M6-1.0 screws not included)	50	\$107.00
<a href="#">DN-ASB2-10</a>	30° angled DIN rail support bracket (M6-1.0 screws included)	10	\$18.00
<a href="#">DN-SSB25-10</a>	1" (25mm) DIN rail support bracket (M6-1.0 screws included)	10	\$24.50
<a href="#">DN-SSB50-10</a>	2" (50mm) DIN rail support bracket (M6-1.0 screws included)	10	\$25.50
<a href="#">DN-SSB70-10</a>	2.75" (70mm) DIN rail support bracket (M6-1.0 screws included)	10	\$32.00
<a href="#">DN-SSB90-10</a>	3.5" (90mm) DIN rail support bracket (M6-1.0 screws included)	10	\$34.50
<a href="#">DN-CLIP-FM4</a>	DIN rail mounting clip with M4 x 0.7 mm threaded hole (Screws not included)	40	\$66.00
<a href="#">DN-CLIP-FM4-5</a>		5	\$9.50
<a href="#">DN-CLIP-FM5</a>	DIN rail mounting clip with M5 x 0.8 mm threaded hole (Screws not included)	40	\$66.00
<a href="#">DN-CLIP-FM5-5</a>		5	\$9.50

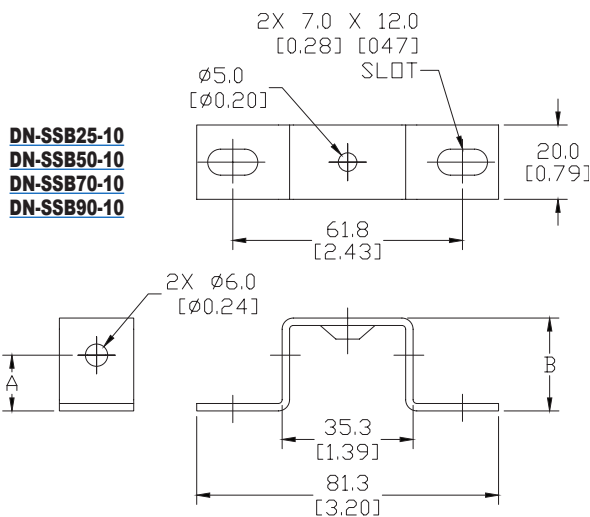
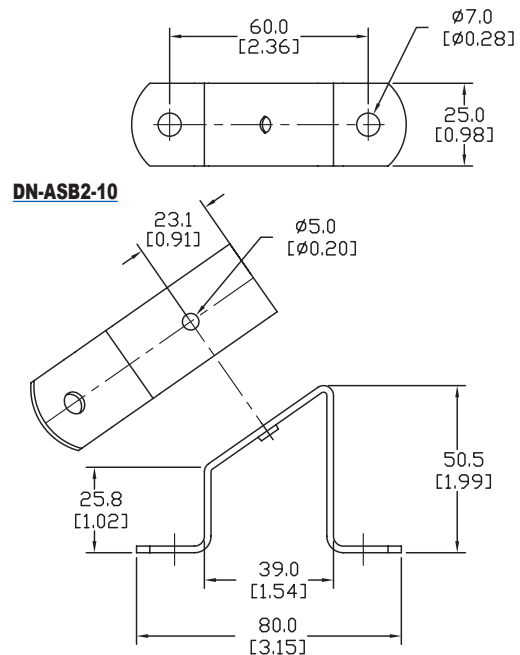
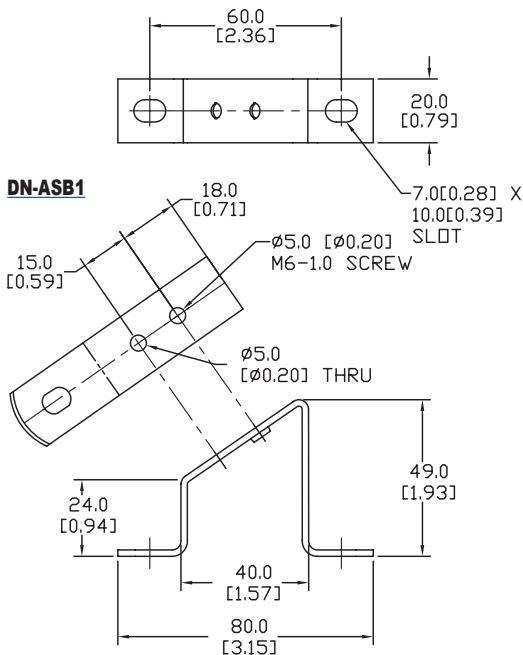
**DN-ASB1****DN-ASB2-10****DN-SSB25-10****DN-SSB50-10****DN-SSB70-10****DN-SSB90-10****DN-CLIP-FM4**  
**DN-CLIP-FM4-5****DN-CLIP-FM5**  
**DN-CLIP-FM5-5**

# DINnectors® Accessories

## DIN Rail Support Brackets and Mounting Clips

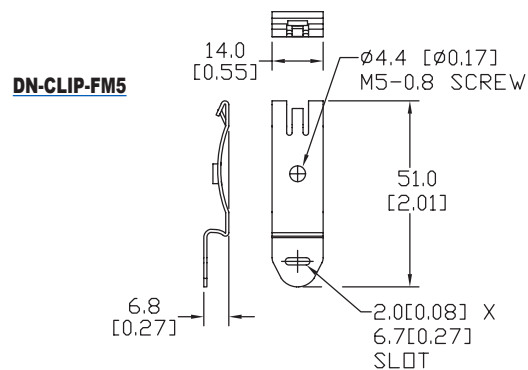
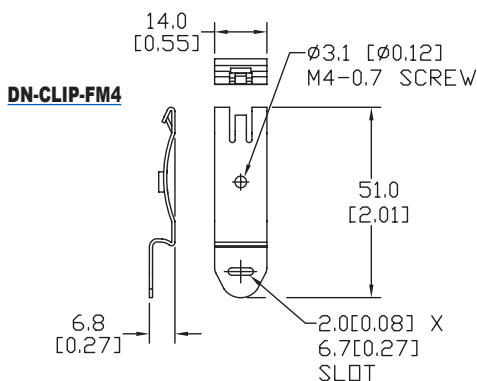
### Dimensions

mm [inches]



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

See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings



# DINnectors® Accessories

## Jumpers

Multi-pole jumper bars for DINnector terminal blocks



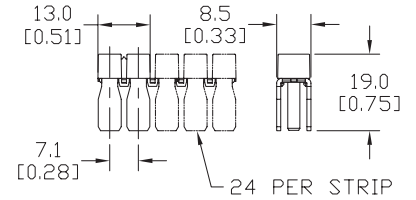
**DN-12JL14B-A**

Multi-pole Jumper Bars								
Part Number	Qty	Price	# of Poles	Rating		Tightening Torque	Insulation Color	For Use With Terminal Block Series
				(V)	(A)			
<b>Screw-down Connection</b>								
<a href="#">DN-2J6</a>	100	\$76.00	2	600	65	0.5 Nm [4.4 Lb-In]	-	<a href="#">DN-T6</a>
<a href="#">DN-3J6</a>	100	\$132.00	3	600	65		-	
<a href="#">DN-4J6</a>	100	\$169.00	4	600	65		-	
<a href="#">DN-55J6</a>	1	\$26.50	55	600	65		-	
<a href="#">DN-24J8</a>	5	\$41.00	24	600	50	0.6 Nm [5.3 lb-in]	Green	<a href="#">DN-T8</a>
<b>Push-in Connection</b>								
<a href="#">DN-2J2Y</a>	100	\$43.00	2	600	25	-	Orange	<a href="#">DN-T12-A</a>
<a href="#">DN-2J2YMN</a>	25	\$13.00	2	600	25		Orange	<a href="#">DN-EMX</a>
<a href="#">DN-3J2Y</a>	100	\$62.00	3	600	25		Orange	<a href="#">DN-Q12-A</a>
<a href="#">DN-3J2YMN</a>	25	\$18.00	3	600	25		Orange	<a href="#">DN-QD12-A</a>
<a href="#">DN-24J2Y</a>	5	\$28.00	24	600	25		Orange	<a href="#">DN-QEMX</a>
<a href="#">DN-24J2YMN</a>	5	\$28.00	24	600	25		Orange	<a href="#">DN-QKBD12-A</a>
<a href="#">DN-2J4Y</a>	100	\$46.00	2	600	25		Yellow	<a href="#">DN-T10-A</a>
<a href="#">DN-2J4YMN</a>	25	\$14.50	2	600	25		Yellow	
<a href="#">DN-3J4Y</a>	100	\$74.00	3	600	25		Yellow	
<a href="#">DN-3J4YMN</a>	25	\$22.00	3	600	25		Yellow	
<a href="#">DN-24J4Y</a>	5	\$29.50	24	600	25		Yellow	
<a href="#">DN-2JL14-A</a>	100	\$67.00	2	300	20		Red	<a href="#">DN-TL-A</a>
<a href="#">DN-2JL14-AMN</a>	25	\$15.00	2	300	20		Red	
<a href="#">DN-2JL14B-A</a>	100	\$67.00	2	300	20		Blue	
<a href="#">DN-2JL14B-AMN</a>	25	\$15.00	2	300	20		Blue	
<a href="#">DN-3JL14-A</a>	100	\$99.00	3	300	20		Red	
<a href="#">DN-3JL14-AMN</a>	25	\$23.00	3	300	20		Red	
<a href="#">DN-3JL14B-A</a>	100	\$99.00	3	300	20		Blue	
<a href="#">DN-3JL14B-AMN</a>	25	\$23.00	3	300	20		Blue	
<a href="#">DN-12JL14-A</a>	10	\$26.50	12	300	20		Red	
<a href="#">DN-12JL14B-A</a>	10	\$26.50	12	300	20	Blue		
<a href="#">DN-12JFE</a>	10	\$60.00	12	300	25	Blue	<a href="#">DN-FE4</a>	
<a href="#">DN-2J6Y</a>	100	\$60.00	2	600	30	Green	<a href="#">DN-Q8-A</a>	
<a href="#">DN-2J6YMN</a>	25	\$15.00	2	600	30	Green		
<a href="#">DN-3J6Y</a>	100	\$84.00	3	600	30	Green	<a href="#">DN-Q8-A</a>	
<a href="#">DN-3J6YMN</a>	25	\$23.50	3	600	30	Green		
<a href="#">DN-12J6Y</a>	10	\$35.50	12	600	30	Green	<a href="#">DN-Q8-A</a>	

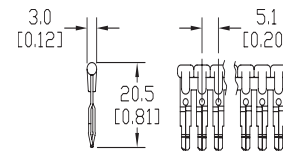
## Dimensions

mm [inches]

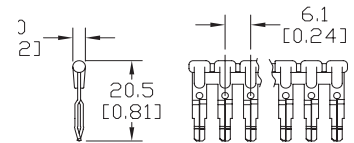
### DN-24J8



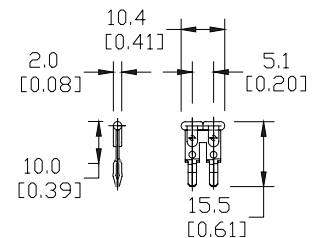
### DN-xJ2Y / DN-xJ2YMN



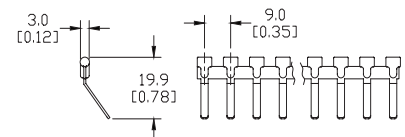
### DN-xJ4Y / DN-xJ4YMN



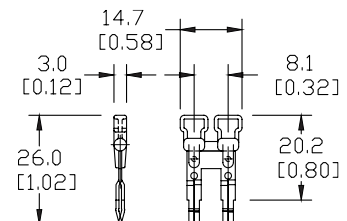
### DN-xJL14 / DN-xJL14x-AMN, DN-xJ14x-A



### DN-12JFE



### DN-xJ6Y / DN-xJ6YMN





# DINnectors® Accessories

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

1) 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.

2) Using a cutting tool, cut the insulating part at the edge of the jumper bar (see below).

3) 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.

4) 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.

5) 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	Qty	Price
<a href="#"><u>DN-J2CUT</u></a>	DINnector jumper cutting tool, for use with DN-2J2Y, DN-3J2Y and DN-24J2Y jumpers.	1	\$79.00
<a href="#"><u>DN-J4CUT</u></a>	DINnector jumper cutting tool, for use with DN-2J4Y, DN-3J4Y and DN-24J4Y jumpers.	1	\$79.00
<a href="#"><u>DN-J6CUT</u></a>	DINnector jumper cutting tool, for use with DN-12J6Y jumpers.	1	\$118.00
<a href="#"><u>DN-JL14CUT</u></a>	DINnector jumper cutting tool, for use with DN-12JL14-A and DN-12JL14B-A jumpers.	1	\$112.00
<a href="#"><u>DN-JXCUT</u></a>	DINnector jumper cutting tool, for use with DN-J2DIE, DN-J4DIE, DN-J6DIE, DN-JL14DIE and DN-JFEDIE dies.	1	\$76.00
<a href="#"><u>DN-JFECUT</u></a>	DINnector jumper cutting tool, for use with DN-12JFE jumpers.	1	\$92.00
<a href="#"><u>DN-JKIT</u></a>	DINnector 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	\$313.00
<a href="#"><u>DN-TOOL2</u></a>	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	\$11.50



**DN-J2CUT**



**DN-J4CUT**



**DN-JKIT**



**DN-TOOL2**

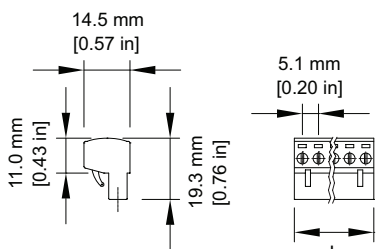
Replacement Dies		
Part Number	Description	Price
<a href="#"><u>DN-J2DIE</u></a>	DINnector die set, replacement. Package of 2. For use with jumper cutting tools DN-J2CUT or DN-JXCUT.	\$118.00
<a href="#"><u>DN-J4DIE</u></a>	DINnector die set, replacement. Package of 2. For use with jumper cutting tools DN-J4CUT or DN-JXCUT.	\$118.00
<a href="#"><u>DN-JFEDIE</u></a>	DINnector die set, replacement. Package of 2. For use with jumper cutting tools DN-JFECUT or DN-JXCUT.	\$92.00
<a href="#"><u>DN-J6DIE</u></a>	DINnector die set, replacement. Package of 2. For use with jumper cutting tools DN-J6CUT or DN-JXCUT.	\$118.00
<a href="#"><u>DN-JL14DIE</u></a>	DINnector die set, replacement. Package of 2. For use with jumper cutting tools DN-JL14CUT or DN-JXCUT.	\$118.00

# DINnectors® Accessories

## Terminal Plugs



**DN-xxPLUG / DN-xxPLUGMN**



Accessories – Terminal Plugs							
Plugs* Part Number	Qty	Price	Plugs* Part Number	Qty	Price	Number of Poles	Length mm [in]
<a href="#">DN-2PLUG</a>	200	\$115.00	<a href="#">DN-2PLUGMN</a>	10	\$7.25	2	10.2 [0.40]
<a href="#">DN-3PLUG</a>	200	\$177.00	<a href="#">DN-3PLUGMN</a>	10	\$11.50	3	15.2 [0.60]
<a href="#">DN-4PLUG</a>	100	\$118.00	<a href="#">DN-4PLUGMN</a>	10	\$14.50	4	20.3 [0.80]
<a href="#">DN-5PLUG</a>	100	\$136.00	<a href="#">DN-5PLUGMN</a>	10	\$18.00	5	25.4 [1.00]
<a href="#">DN-6PLUG</a>	100	\$176.00	<a href="#">DN-6PLUGMN</a>	10	\$18.00	6	30.5 [1.20]
<a href="#">DN-7PLUG</a>	50	\$92.00	<a href="#">DN-7PLUGMN</a>	5	\$14.50	7	35.6 [1.40]
<a href="#">DN-8PLUG</a>	50	\$117.00	<a href="#">DN-8PLUGMN</a>	5	\$14.50	8	40.6 [1.60]
<a href="#">DN-9PLUG</a>	50	\$128.00	<a href="#">DN-9PLUGMN</a>	5	\$15.00	9	45.7 [1.80]
<a href="#">DN-10PLUG</a>	50	\$136.00	<a href="#">DN-10PLUGMN</a>	5	\$17.00	10	50.8 [2.00]
<a href="#">DN-11PLUG</a>	50	\$161.00	<a href="#">DN-11PLUGMN</a>	5	\$19.50	11	55.9 [2.20]
<a href="#">DN-12PLUG</a>	50	\$176.00	<a href="#">DN-12PLUGMN</a>	5	\$20.00	12	61.0 [2.40]
Terminal Plugs Ratings							
<b>Voltage/Current</b>	300V, 12A						
<b>Wire Gauge</b>	14–22 AWG, CU only						
<b>Torque</b>	Tightening Torque: 0.51 N·m [4.5 lb·in]						
<b>Usage Temperature</b>	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]						
<b>Agency Approvals</b>	UL file #: E179129						

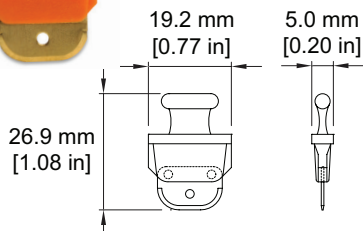
Note: To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

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

## Disconnect Blade

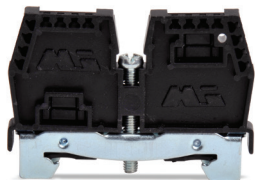


**DN-DIS-BLADE  
DN-DIS-BMN**

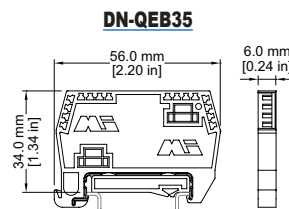
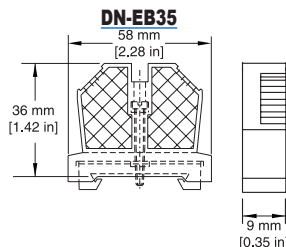
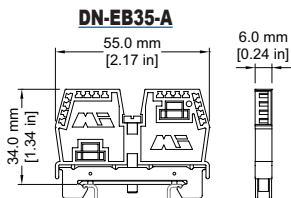
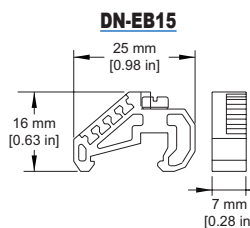


Disconnect Blade			
Part Number	Description	Qty	Price
<a href="#">DN-DIS-BLADE</a>	Terminal block disconnect blade for DN-FE2, DN-FE4, DN-DIS2 and DN-DIS4	50	\$36.00
<a href="#">DN-DIS-BMN</a>		10	\$9.75

## End Brackets



End Brackets		
Part Number	Description	Price
<a href="#">DN-EB15</a>	DINnecter snap-on end bracket, 7mm wide. Package of 100. For use with 15mm DIN rail.	\$108.00
<a href="#">DN-EB15MN</a>	DINnecter snap-on end bracket, 7mm wide. Package of 20. For use with 15mm DIN rail.	\$25.50
<a href="#">DN-EB35</a>	DINnecter screw-down end bracket, 9mm wide. Package of 50. For use with 35mm DIN rail.	\$67.00
<a href="#">DN-EB35MN</a>	DINnecter screw-down end bracket, 9mm wide. Package of 20. For use with 35mm DIN rail.	\$31.50
<a href="#">DN-EB35-A</a>	DINnecter screw-down end bracket, 6mm wide. Package of 50. For use with 35mm DIN rail.	\$47.50
<a href="#">DN-EB35-A-10</a>	DINnecter screw-down end bracket, 6mm wide. Package of 10. For use with 35mm DIN rail.	\$12.00
<a href="#">DN-QEB35</a>	DINnecter snap-on end bracket, 6mm wide. Package of 50. For use with 35mm DIN rail.	\$42.50
<a href="#">DN-QEB35-10</a>	DINnecter snap-on end bracket, 6mm wide. Package of 10. For use with 35mm DIN rail.	\$11.50



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

# **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	Price
<a href="#">DN-EC1210</a>	DINnector terminal block end cover, gray. Package of 100. For use with DN-T12 or DN-T10 series terminal blocks.	\$43.00
<a href="#">DN-EC1210MN</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-T12 or DN-T10 series terminal blocks.	\$14.50
<a href="#">DN-EC86</a>	DINnector terminal block end cover, gray. Package of 100. For use with DN-T8 or DN-T6 series terminal blocks.	\$47.00
<a href="#">DN-EC86MN</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-T8 or DN-T6 series terminal blocks.	\$14.50
<a href="#">DN-EC4</a>	DINnector terminal block end cover, gray. Package of 50. For use with DN-T4 series terminal blocks.	\$29.50
<a href="#">DN-EC4MN</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-T4 series terminal blocks.	\$5.75
<a href="#">DN-EC1/0</a>	DINnector terminal block end cover, gray. Package of 50. For use with DN-T1/0 series terminal blocks.	\$33.50
<a href="#">DN-EC1/0MN</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-T1/0 series terminal blocks.	\$8.00
<a href="#">DN-DEC10</a>	DINnector terminal block end cover, gray. Package of 50. For use with DN-D10-A series terminal blocks.	\$31.50
<a href="#">DN-DEC10MN</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-D10-A series terminal blocks.	\$6.00
<a href="#">DN-EC14</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-TL14 series terminal blocks.	\$18.00
<a href="#">DN-EC14S</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-TL14S series terminal blocks.	\$15.00
<a href="#">DN-ECM10</a>	DINnector terminal block end cover, gray. Package of 100. For use with DN-M10-A series terminal blocks.	\$43.00
<a href="#">DN-ECM10MN</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-M10-A series terminal blocks.	\$14.50
<a href="#">DN-ECKBD</a>	DINnector terminal block end cover, gray. Package of 100. For use with DN-KBD12 series terminal blocks.	\$43.00
<a href="#">DN-ECKBDMN</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-KBD12 series terminal blocks.	\$6.00
<a href="#">DN-EMXM1EC1</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-EMXM1 series terminal block leftside.	\$15.00
<a href="#">DN-EMXM1EC2</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-EMXM1 series terminal block rightside.	\$15.00
<a href="#">DN-EMXDVEC1</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-EMXDV series terminal block leftside.	\$15.00
<a href="#">DN-EMXDVEC2</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-EMXDV series terminal block rightside.	\$15.00
<a href="#">DN-FESEP</a>	DINnector terminal block end cover, gray. Package of 50. For use with DN-FE and DN-DIS series terminal blocks.	\$26.50
<a href="#">DN-FESEP-10</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-FE and DN-DIS series terminal blocks.	\$5.25
<a href="#">DN-QEC12</a>	DINnector terminal block end cover, gray. Package of 50. For use with DN-Q12-A or DN-QG12 series terminal blocks.	\$21.50
<a href="#">DN-QEC12MN</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-Q12-A or DN-QG12 series terminal blocks.	\$5.25
<a href="#">DN-QEC10</a>	DINnector terminal block end cover, gray. Package of 50. For use with DN-Q10-A or DN-QG10 series terminal blocks.	\$21.50
<a href="#">DN-QEC10MN</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-Q10-A or DN-QG10 series terminal blocks.	\$5.25
<a href="#">DN-QEC8</a>	DINnector terminal block end cover, gray. Package of 50. For use with DN-Q8-A or DN-QG8 series terminal blocks.	\$25.50
<a href="#">DN-QEC8MN</a>	DINnector terminal block end cover, gray. Package of 10. For use with DN-Q8-A or DN-QG8 series terminal blocks.	\$5.75
<a href="#">DN-QEC12-1-2</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-Q12-1-2-A series terminal blocks.	\$15.00
<a href="#">DN-QEC12-2-2</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-Q12-2-2-A series terminal blocks.	\$16.50
<a href="#">DN-QDEC12</a>	DINnector terminal block end cover, gray. Package of 25. For use with DN-QD12 series terminal blocks.	\$16.50

## Spacers

Spacers are used to put more space between adjacent blocks.

DINnectors Spacers			
Part Number	Description	Qty	Price
<a href="#">DN-S1210</a>	Spacer for DN-T12-A and DN-T10-A series terminal blocks	100	\$51.00
<a href="#">DN-S1210MN</a>		25	\$16.00
<a href="#">DN-S86</a>	Spacer for DN-T8 and DN-T6 series terminal blocks	100	\$61.00
<a href="#">DN-S86MN</a>		25	\$14.00
<a href="#">DN-EMXM1SPA1</a>	Spacer for DN-EMXM1 and DN-QEMXM1 single-level plug-in terminal blocks	25	\$13.00
<a href="#">DN-EMXDVSPA1</a>	Spacer for DN-EMXDV and DN-QEMXDV double-level plug-in terminal blocks	25	\$14.50
<a href="#">DN-FESPA</a>	Spacer for DN-FE sockets and DN-DIS disconnects	50	\$26.50
<a href="#">DN-FESPA-10</a>		10	\$5.25

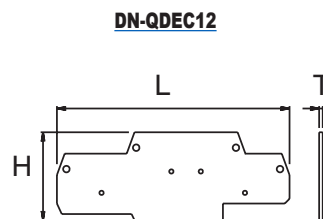
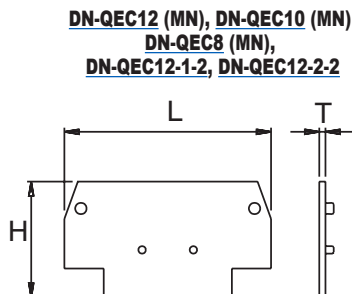
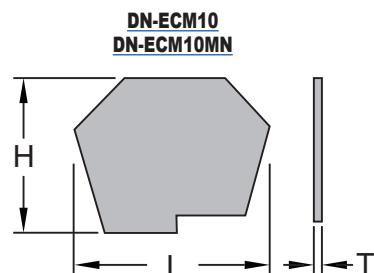
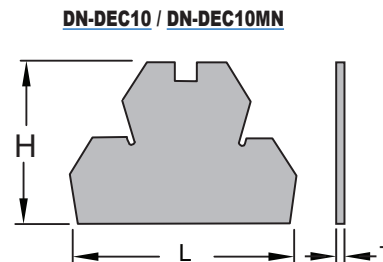
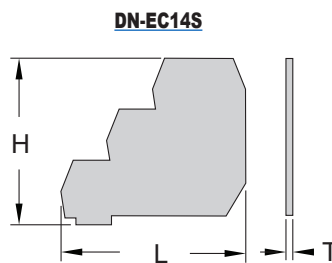
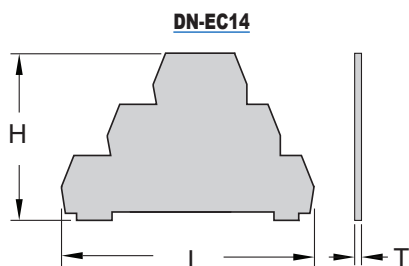
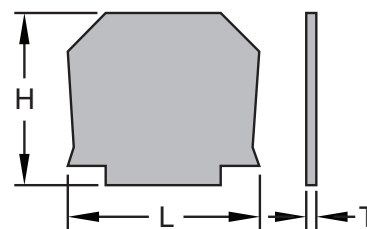
## Top Covers

DINnectors Top Covers				
Part Number	Description	For Use With	Qty	Price
<a href="#">DN-C12</a>	Top cover, clear, printed electrical symbol.	DN-T12-A	100	\$62.00
<a href="#">DN-C12MN</a>			25	\$14.00
<a href="#">DN-C10</a>	Top cover, clear, printed electrical symbol.	DN-T10-A	100	\$62.00
<a href="#">DN-C10MN</a>			25	\$14.00
<a href="#">DN-C86</a>	Top cover, clear, printed electrical symbol.	DN-T8 DN-T6	100	\$62.00
<a href="#">DN-C86MN</a>			25	\$14.00
<a href="#">DN-DC10</a>	Top cover, clear, printed electrical symbol.	DN-D10	100	\$60.00
<a href="#">DN-DC10MN</a>			25	\$14.00
<a href="#">DN-MC10</a>	Top cover, clear, printed electrical symbol.	DN-M10	100	\$64.00
<a href="#">DN-MC10MN</a>			25	\$14.00

# DINnectors<sup>®</sup> Accessories

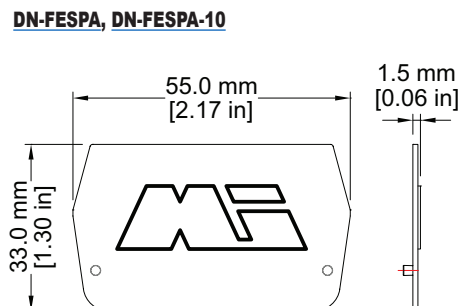
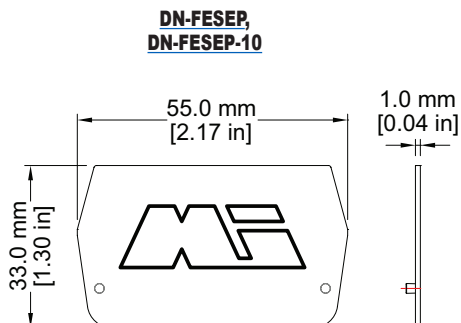
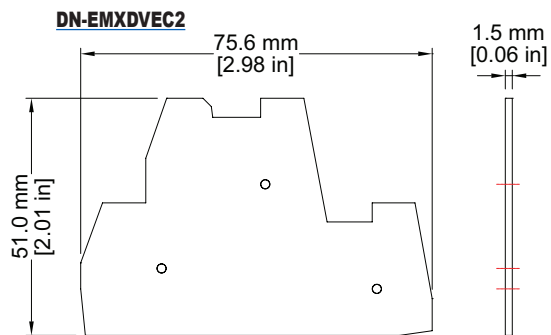
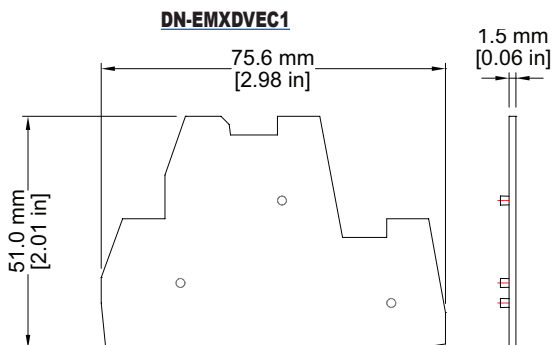
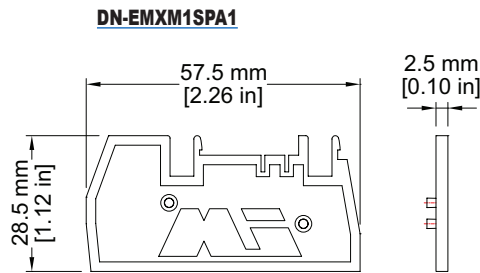
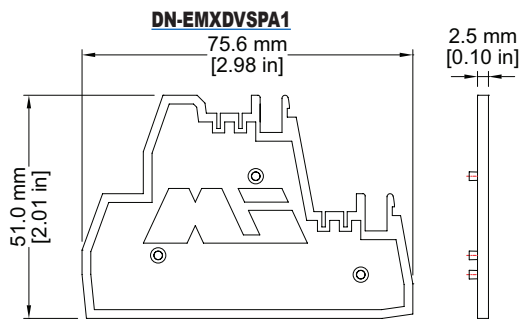
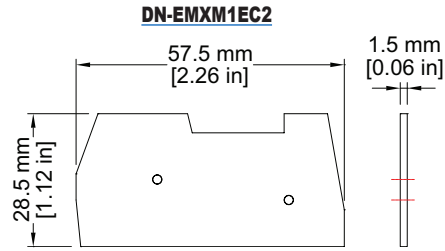
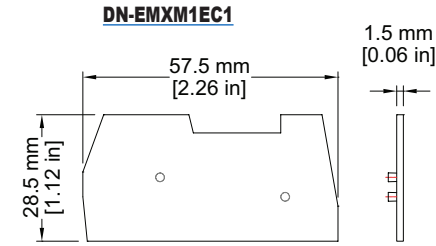
Part Number		Length mm[in]	Height mm [in]	Thickness mm [in]
<a href="#">DN-EC1210</a>	<a href="#">DN-EC1210MN</a>	44 [1.73]	35 [1.38]	1.5 [0.06]
<a href="#">DN-S1210</a>	<a href="#">DN-S1210MN</a>	55 [2.17]	44 [1.73]	
<a href="#">DN-EC86</a>	<a href="#">DN-EC86MN</a>	50 [1.97]	43 [1.69]	
<a href="#">DN-S86</a>	<a href="#">DN-S86MN</a>	55 [2.17]	49 [1.93]	
<a href="#">DN-EC4</a>	<a href="#">DN-EC4MN</a>	56 [2.21]	48 [1.89]	
<a href="#">DN-EC1/0</a>	<a href="#">DN-EC1/0MN</a>	62 [2.44]	60 [2.36]	
<a href="#">DN-DEC10</a>	<a href="#">DN-DEC10MN</a>	72 [2.80]	49 [1.93]	
<a href="#">DN-EC14</a>	-	78 [3.08]	55 [2.17]	
<a href="#">DN-EC14S</a>	-	55 [2.17]	50 [1.97]	
<a href="#">DN-ECM10</a>	<a href="#">DN-ECM10MN</a>	32 [1.26]	27 [1.06]	
<a href="#">DN-ECKBD</a>	<a href="#">DN-ECKBDMN</a>	52 [2.05]	34.5 [1.36]	
<a href="#">DN-EMXM1EC1</a>	<a href="#">DN-EMXM1EC2</a>	as shown on next page		
<a href="#">DN-EMXDVEC1</a>	<a href="#">DN-EMXDVEC2</a>			
<a href="#">DN-EMXDVSPA1</a>	<a href="#">DN-EMXM1SPA1</a>			
<a href="#">DN-FESPA</a>	<a href="#">DN-FESPA-10</a>			
<a href="#">DN-FESEP</a>	<a href="#">DN-FESEP-10</a>			
<a href="#">DN-QEC12</a>	<a href="#">DN-QEC12MN</a>	50 [1.97]	23 [0.9]	1.5 [0.06]
<a href="#">DN-QEC10</a>	<a href="#">DN-QEC10MN</a>	57.4 [2.26]	33.6 [1.32]	
<a href="#">DN-QEC8</a>	<a href="#">DN-QEC8MN</a>	63 [2.48]	38.5 [1.52]	
<a href="#">DN-QEC12-1-2</a>	-	68.5 [2.70]	28.5 [1.12]	
<a href="#">DN-QEC12-2-2</a>	-	87.5 [3.44]	28.5 [1.12]	
<a href="#">DN-QDEC12</a>	-	98 [3.86]	37 [1.46]	

**DN-EC1210 (MN), DN-EC86 (MN), DN-EC4 (MN), DN-EC1/0 (MN), DN-ECKBD (MN), DN-S1210 (MN), DN-S86 (MN)**



# DINnectors<sup>®</sup> Accessories

## Dimensional Drawings




**DINnectors** Accessories

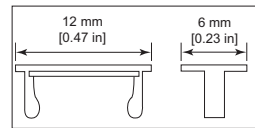
## Marking Tags Cross Reference Charts - Screwless

<b>DINector Marking Tags Cross Reference - Screwless</b>				
<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	-	-	-

## Marking Tags

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

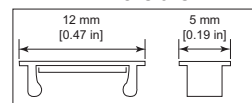
**Dimensions**



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

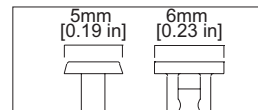
**Dimensions**



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

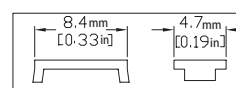
**Dimensions**



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

**Dimensions**

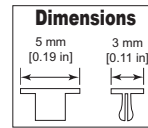


- The marking sequence of 500 (i.e. 1-100) is printed five times in each package of 500.
- Material: Thermoplastic with heat embossed black print.

# DINnectors® Accessories

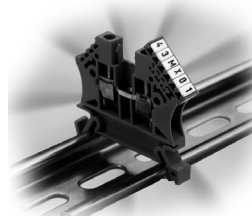
## Marking Tags continued

Marking Tags DN-LT Series			
Part Number	Marking Sequence	Qty	Price
<a href="#">DN-LT15</a>	1-5	100	\$10.00
<a href="#">DN-LT60</a>	6-0	100	\$10.00
<a href="#">DN-LT1</a>	1	100	\$10.00
<a href="#">DN-LT2</a>	2	100	\$10.00
<a href="#">DN-LT3</a>	3	100	\$10.00
<a href="#">DN-LT4</a>	4	100	\$10.00
<a href="#">DN-LT5</a>	5	100	\$10.00
<a href="#">DN-LT6</a>	6	100	\$10.00
<a href="#">DN-LT7</a>	7	100	\$10.00
<a href="#">DN-LT8</a>	8	100	\$10.00
<a href="#">DN-LT9</a>	9	100	\$10.00
<a href="#">DN-LT0</a>	0	100	\$10.00
<a href="#">DN-LTBLNK</a>	Unprinted	100	\$10.00
<a href="#">DN-LTA</a>	A	100	\$10.00
<a href="#">DN-LTB</a>	B	100	\$10.00
<a href="#">DN-LTC</a>	C	100	\$10.00
<a href="#">DN-LTD</a>	D	100	\$10.00
<a href="#">DN-LTE</a>	E	100	\$10.00
<a href="#">DN-LTF</a>	F	100	\$10.00
<a href="#">DN-LTG</a>	G	100	\$10.00
<a href="#">DN-LTH</a>	H	100	\$10.00
<a href="#">DN-LTI</a>	I	100	\$10.00
<a href="#">DN-LTJ</a>	J	100	\$10.00
<a href="#">DN-LTK</a>	K	100	\$10.00
<a href="#">DN-LTL</a>	L	100	\$10.00
<a href="#">DN-LTM</a>	M	100	\$10.00
<a href="#">DN-LTN</a>	N	100	\$10.00
-	-	-	-
<a href="#">DN-LTP</a>	P	100	\$10.00
<a href="#">DN-LTQ</a>	Q	100	\$10.00
<a href="#">DN-LTR</a>	R	100	\$10.00
<a href="#">DN-LTS</a>	S	100	\$10.00
<a href="#">DN-LTT</a>	T	100	\$10.00
<a href="#">DN-LTU</a>	U	100	\$10.00
<a href="#">DN-LTV</a>	V	100	\$10.00
<a href="#">DN-LTW</a>	W	100	\$10.00
<a href="#">DN-LTX</a>	X	100	\$10.00
<a href="#">DN-LTY</a>	Y	100	\$10.00
<a href="#">DN-LTZ</a>	Z	100	\$10.00
<a href="#">DN-LTGND</a>	⊕	100	\$10.00
<a href="#">DN-LTPOS</a>	+	100	\$10.00
<a href="#">DN-LTNEG</a>	-	100	\$10.00
<a href="#">DN-LTAC</a>	~	100	\$10.00
<a href="#">DN-LTDC</a>	=	100	\$10.00

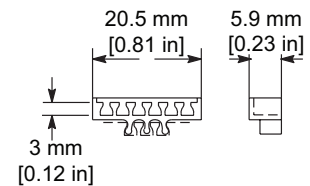


- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M series supports a maximum of three digits (tags), while other DINnectors support up to four digits (tags).
- Material: Thermoplastic with heat embossed black print.

### DN-MTA marking tag adapter



### DN-MTA dimensions



Part Number	Description	Qty	Price
<a href="#">DN-MTA</a>	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

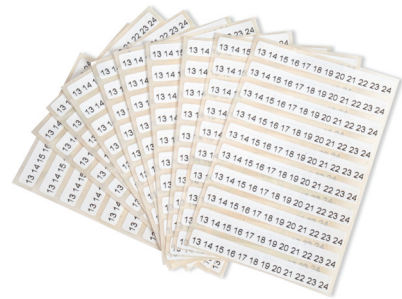
## Terminal Marking Accessories



**DN-EMLBL1**



**DN-EMLBL2**



**DN-EMLBL3**

Part Number	Description	For Use With	Qty	Price
<b>DN-EMLBL1</b>	Blank labels	DN-EMPEG1 pin protectors for DN-xEMxx plug-in terminal blocks	100	\$9.25
<b>DN-EMLBL2</b>	Labels printed 1 – 12		100	\$13.00
<b>DN-EMLBL3</b>	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
<b>DN-MP</b>	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
<b>DN-WMTAG1</b>	Wire tag – blank	all DN-WM-x wire tag holders	525	\$60.00
<b>DN-WM-1</b>	Wire tag holder, clear, 12mm length, 0.051–0.118 in diameter; for 22–16 AWG wire	<b>DN-WMTAG1</b>	200	\$12.50
<b>DN-WM-2</b>	Wire tag holder, clear, 12mm length, 0.098–0.196 in diameter; for 16–11 AWG wire		200	\$12.50
<b>DN-WM-3</b>	Wire tag holder, clear, 12mm length, 0.157–0.393 in diameter; for 13–5 AWG wire		100	\$8.25
<b>DN-WM-4</b>	Wire tag holder, clear, 12mm length, 0.314–0.629 in diameter; for 5AWG wire		100	\$7.75