

# THE QUALITY IS IN THE DETAILS!

## Virtually vibration-proof clamping system

- Provides excellent resistance to screw loosening caused by vibration or shock
- Large contact area due to "V" formed bottom portion of clamp
- Proven design - millions in use today

## Internal jumpers

- Frees up valuable wiring space

## Protective moldings

- Safe design prevents accidental contact with live parts.

## Marking system

- Inclined at a 45° angle for easy reading
- Can be marked by hand or preprinted from 0-1000

## Funneled wire entry

- Allows for fast and easy insertion of the wire into the clamp
- Closed on all four sides for safety

## Wire stops

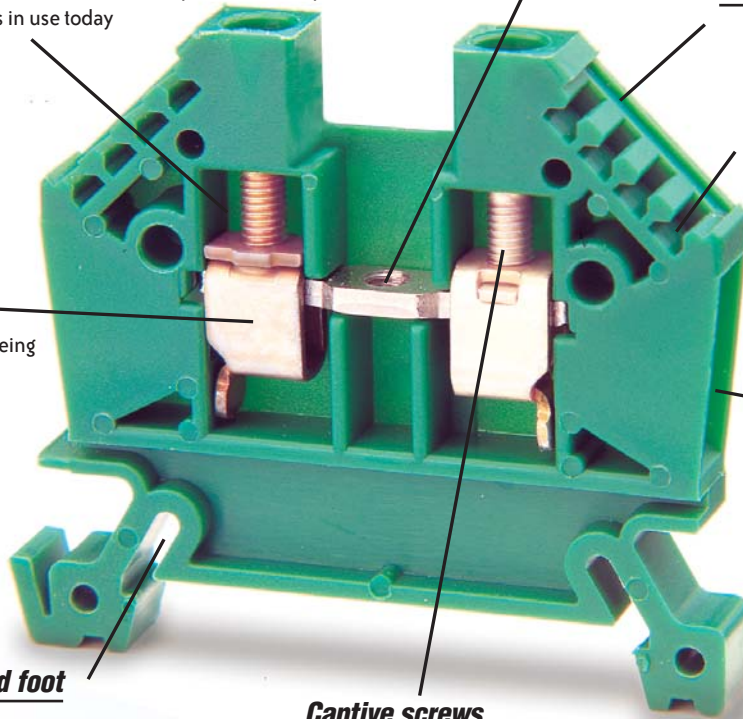
- Stops wires from being inserted too far

## Snap-on solid foot

- Robust design allows for easy assembly and removal of the terminal block from a DIN rail with a screwdriver

## Captive screws

- Screws cannot be dropped or lost during wiring
- Supplied fully backed out and ready to wire



Agency Approvals



**DINnectors™**



# FIVE REASONS TO TRY OUR DINNECTORS

## 1 Quality materials

DINnectors are manufactured from Polyamide 6.6 plastic with very good electrical, mechanical, and chemical properties. This UL-approved material has a flammability rating of V2 (self-extinguishing) according to UL94. It has a continuous upper temperature limit of 100°C, and a lower temperature limit of -50°C. The Comparative Tracking Index is CTI>600, with an average humidity absorption of 3-4 percent.

DINnector screws and clamps are manufactured from hardened steel plated with a zinc-dichromate corrosion-resistant finish. The current bars are made from a copper alloy with a tin/lead plating.

## 2 Self-locking clamps

DINnectors terminal blocks are designed with self-locking vibration-resistant clamps, unlike many of our competitors' products. When tightening the screw, the clamp travels up like an elevator, and presses the wire against the conductor. When the wire is fully compressed, the clamp's upper thread overlap springs open and locks the screw threads, preventing the screw from loosening. This "spring-effect" ensures a reliable contact that is virtually impervious to vibration and temperature cycling. When adequately tightened, DINnectors terminal block screw clamps should never require re-tightening.

## 3 High-contact pressure

Continuous, high-contact pressure is essential for a reliable connection. Even the best conductors give poor results if the contact pressure is insufficient. Low-contact pressure causes aggravating and dangerous intermittent connections. DINnectors terminal block screw clamp connection technology offers the highest contact pressure available. DINnectors 12AWG terminal block produces a high contact force of approximately 169 ft./lbs. (750 Nm).

## 4 Low voltage drop

Many electrical engineers consider voltage drop values across the connection points to be an excellent measure of the quality of the terminal block. Low voltage drop means low contact resistance, which indicates a stable and quality contact between the conductor and the terminal block. DINnectors terminal blocks distinguish themselves with very low voltage drop values, which are well under the limits established by various international standards.

## 5 Gas-tight connections

According to DIN standard 41640 part 76, terminal blocks must be tested in a specific, aggressive gas-filled environment. After these tests, DINnectors terminal block contact surfaces showed no signs of corrosion, even with small conductors.

# DINnectors At a Glance

## Feed-through Terminal Blocks

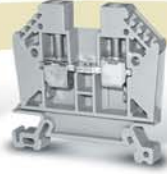
Feed-through terminal blocks are available in a number of colors and wire size options to ensure flexibility and ease of installation for your DIN-rail mounted connection system.



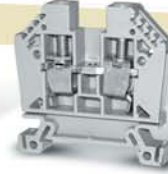
DN-T12



DN-T10



DN-T8



DN-T6



DN-T4

## Multi-level/Sensor Terminal Blocks

Double-level terminal blocks offer twice the wiring density of feed-through blocks. Triple-level blocks enable either high-density wiring or simplified, low-cost sensor wiring.



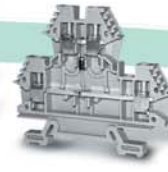
DN-D10



DN-D10X



DN-D10 LED



DN-D10R



DN-TL14

## 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-G10



DN-G8



DN-G6



DN-G4



DN-G1/0

## Fuse Terminal Blocks

Fuse blocks provide easily-replaceable fuse protection for PLC output devices or modules. They are available for 1/4", 5 mm Midget and Class CC size fuses.



DN-F6



DN-F6L



DN-F10



DN-F10L



DN-FM6

## Disconnect Terminal Block

The DN-DIS10 and DN-KDB12 allow fast circuit disconnection without rewiring.



DN-DIS10



DN-KDB12

## Mini Terminal Block

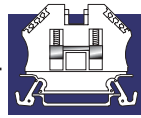
Mini terminal blocks are used in areas with extremely limited space requirements.



DN-M10



DN-MG10



# DINnectors™



DN-T1/0



DN-T3/0



DN-TL14S



DN-14SLP



DN-TL14SLN



**Many DINnectors are available in 7 colors!**



DN-FM6L



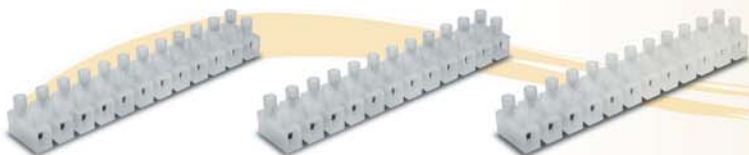
DN-FM6-CC



DN-FM6L-CC

### Direct-mount Terminal Blocks

Direct mount terminal blocks do not require the use of a DIN rail; they utilize two mounting screws to attach to any backplane.



BM-M092

BM-M093

BM-M094

### DINnectors Accessories



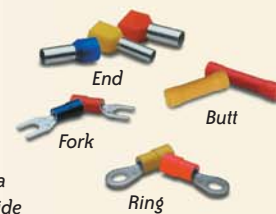
Accessories required for a complete DIN rail connection system include the DIN rail, end brackets and end covers. Separators, jumpers, marking tags and covers are optional.

### Wiring Accessories



Screwdrivers and wire cutter/stripping and crimping tools are convenient to buy when ordering your connection system.

### Crimping Terminals



High-quality insulated crimping terminals in a number of styles provide safe and reliable wiring connections.

CONNECTION

# COMPONENT OVERVIEW **DINnectors™**



## DINnectors from a technical viewpoint

DINnectors are simply DIN rail-mounted connectors or terminal blocks. They provide a means of connecting and identifying two or more wires within the demands of an industrial environment. DINnectors can terminate solid or stranded wires ranging from 18-3/0 AWG, and offer fusing, grounding or disconnecting capability within the terminal block itself.

Rather than limiting customers to a fixed number of terminations, most DINnectors are modular in design, allowing customers the freedom to mix as many combinations of types, wire-sizes and quantities as can fit on a mounting rail. And, rather than limiting customers to proprietary terminal block mounting rails on which only a single manufacturer's terminals can be utilized, DINnectors mount on the universal DIN rail. The DIN rail is the internationally approved, industry standard mounting rail for components made by hundreds of manufacturers worldwide.

Our range of DINnectors terminal blocks is internationally approved by various national and international standards organizations such as UL, CSA, VDE, SEV, RINA and IEC.

The DINnectors line of terminal blocks have reached a price breakthrough level. Now you can buy terminal blocks below distributors' cost.



## DINnector standard terminal blocks

Agency Approvals



- Polyamide 6.6 plastic molding
- Zinc dichromate-plated, hardened steel screws and clamps
- Nickel-plated, copper current bar

## Triple-level terminal blocks

- Four types, with and without LED
- Extremely compact 5mm thick design
- 300V, 10A, 26-14AWG
- UL/CSA/CE approvals



## Colored terminal blocks

- Used for specially identifying circuits for ease of wiring and troubleshooting
- Available in standard gray, as well as blue, black, red, yellow, green, orange and white for the DN-T12, DN-T10 and DN-T8 feed-through terminals. The DN-D10 double-level terminal blocks are available in all of the above colors except white.

## Fuse blocks

- Quick and easy DIN rail mounting
- Available with long lasting neon indicator light for quick troubleshooting
- Modular design allows additional poles to be added in the field using a pin-assembly kit
- UL/CSA approvals for supplementary protection; CE approved
- 600V, 30A, 14-6AWG, Class CC/Midget fuses

## Ferrules

- Eliminate wire fraying that creates short circuits, and allows easier removal/installation of wiring
- Single and double wire, insulated, DIN and standard colors.

## Direct-mount terminal blocks

- Low cost alternative to modular terminal blocks
- Easily cut to length

## Crimping terminals and tools

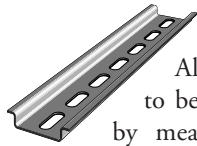
- Nylon insulated ring and fork terminals, plus butt and pigtail connectors
- Easy entry wire guide system in ring and fork terminals



# COMPONENT OVERVIEW

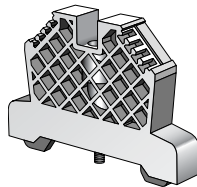
## Accessories

### Mounting rail (required)



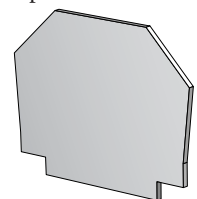
Allows multiple blocks to be mounted to a panel by means of a few fixing screws. DIN rails provide easy installation and removal of terminal blocks, and may also be used as a ground bus bar. Rails meet international standards and are supplied in zinc-dichromated steel, either slotted or unslotted in 3'3" (1m) lengths.

### End bracket (required)

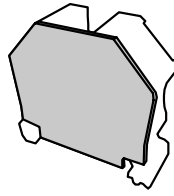


Used to add rigidity to a terminal block assembly and prevent sliding along the rail by mounting one polyamide end bracket at each end of an assembly. End brackets attach directly to the DIN rail by means of a clamping foot and can accept marking tags to serve as a group marker.

### End cover (required)

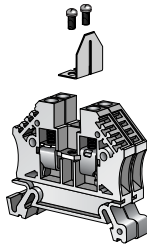


Provides electrical insulation for the exposed metal components of the last terminal block in an assembly. Interlocking pins secure the polyamide end cover to the terminal block while allowing easy insertion and removal. When the size of blocks change in an assembly, an end cover is required to insulate the open side of the block.



### Separator

Used to electrically or visually separate groups of terminal blocks, or to electrically insulate adjacent internal jumpers. Separators project beyond the terminal block on all sides. Made of polyamide.

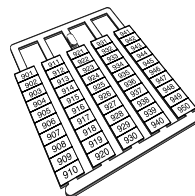


### Jumpers

Used to electrically interconnect two or more consecutive terminal blocks, without reducing the wiring capacity of the blocks. Jumpers are available in two, three, four and longer pole configurations, and are supplied with screws and washers. Jumpers are made of electrolytic copper with a corrosion-resistant nickel plating. When installed, they are recessed in the terminal block molding to reduce the risk of accidental shock.

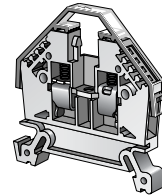
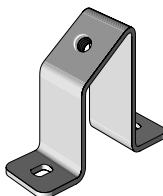
### Marking tags

Provides circuit organization and identification. Marking tags are available either blank or preprinted from 1-400 in 5mm and 1-450 in 6mm widths.



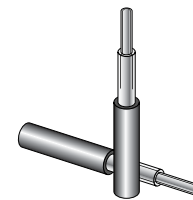
### Angled support bracket

Raises and tilts the mounting rail above the panel for easier and faster wiring.



### Top cover

Certain VDE regulations require the use of terminal block covers. The transparent polycarbonate covers are printed with a warning arrow and the international danger symbol, allowing the marking tag area and jumpers to remain visible after installation.



### Test plugs

Used for hands-free circuit troubleshooting and testing, the test plugs are inserted into the tapped hole of the terminal block current bar. These plug-in style devices cannot be used when jumpers are installed. Plug diameter is 2.8mm.

## Wiring tools

### Screwdrivers

Squeeze a ball of soft clay in your hand, insert a screwdriver blade, and you'll have a feel for the shape and comfort of our ergonomically-designed screwdrivers.

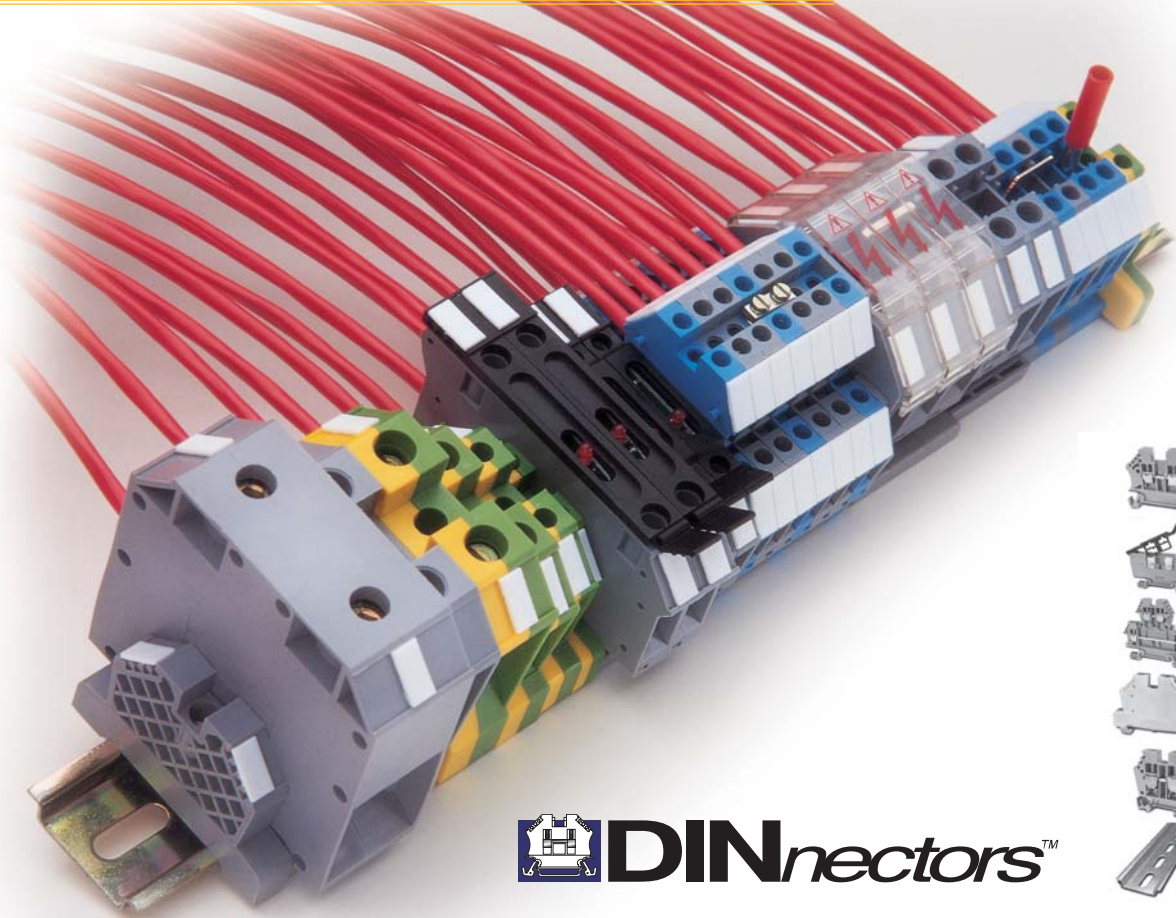


### Wire strippers

No hand wire stripping tool on the planet is as fast, lightweight, and accurate as this exceptional wire stripper!



# SPECIFYING A TERMINAL BLOCK SYSTEM



## **Step 1: Select the type**

Choose from the seven types of terminal blocks as required for your system: feed-through, multi-level, mini, ground, fuse, disconnect or direct mount.

## **Step 2: Determine the electrical specifications**

Determine your requirements for the maximum wire size, current, and voltage for each terminal block.

## **Step 3: Select the accessories**

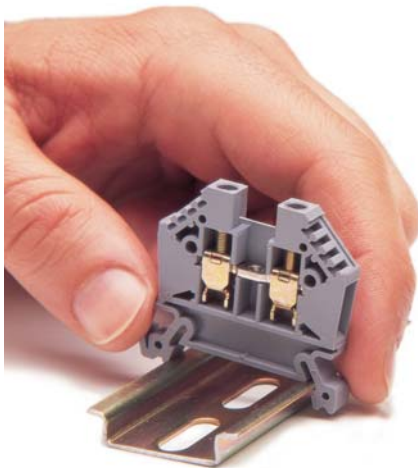
Choose between deep or shallow, slotted or unslotted mounting rail, then select the appropriate end cover(s) and end brackets. Then decide if you would like to use internal jumpers, top covers, angled support brackets, test plugs, separators, or blank or printed marking tags.

## **Step 4: Calculate the rail length**

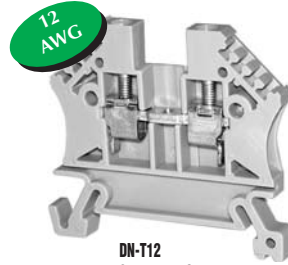
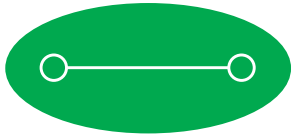
Calculate the density per foot of each type and quantity of terminal block in your assembly to determine the total rail length. Remember to add 1/2 inch for each rail end to accommodate rail mounting screws. Also add 0.0008" (0.2mm) tolerance per terminal, plus the width of the end brackets, end covers, and any separators.

## **Step 5: Place your order!**

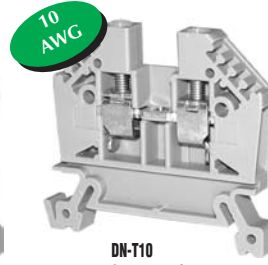
Call 1-800-633-0405 or visit our Web site at [www.automationdirect.com](http://www.automationdirect.com) to order.



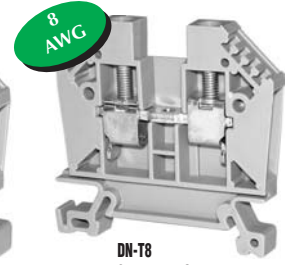
# FEED-THROUGH TERMINAL BLOCKS



**DN-T12**  
Series: EURO 2.5

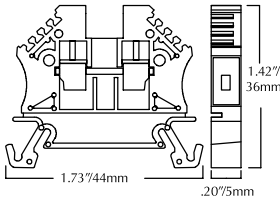


**DN-T10**  
Series: EURO 4

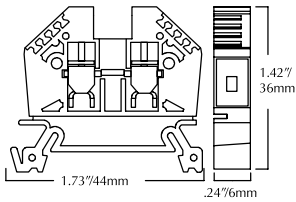


**DN-T8**  
Series: EURO 6

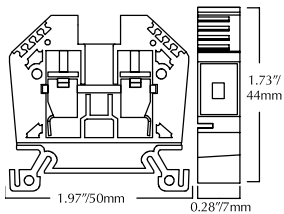
## DN-T12



## DN-T10



## DN-T8



\* **END BRACKET** available in quantity of 20, Part #**DN-EB35MN**,  
**END COVER** available in quantity of 25, Part #**DN-EC1210MN**  
**END COVER** available in quantity of 25, Part # **DN-EC86MN**,  
**SEPARATOR** available in quantity of 25, Part #**DN-S1210MN**,

**NOTE:** for more information on accessories, see pages 28-23 through 28-31.

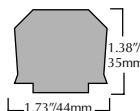
### Specifications

	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Gray Term Block</b>	DN-T12	100	check	DN-T10	100	check	DN-T8	50	check
<b>Blue Term Block</b>	DN-T12B	100	check	DN-T10B	100	check	DN-T8B	50	check
<b>Black Term Block</b>	DN-T12BLK	100	check	DN-T10BLK	100	check	DN-T8BLK	50	check
<b>Green Term Block</b>	DN-T12GRN	100	check	DN-T10GRN	100	check	DN-T8GRN	50	check
<b>Orange Term Block</b>	DN-T12ORG	100	check	DN-T10ORG	100	check	DN-T8ORG	50	check
<b>Red Term Block</b>	DN-T12RED	100	check	DN-T10RED	100	check	DN-T8RED	50	check
<b>Yellow Term Block</b>	DN-T12YEL	100	check	DN-T10YEL	100	check	DN-T8YEL	50	check
<b>White Term Block</b>	DN-T12W	100	check	DN-T10W	100	check	DN-T8W	50	check
<b>UL Approval</b>	600V	20A	24-12AWG	600V	30A	24-10AWG	600V	50A	22-8AWG
<b>CSA Approval</b>	600V	25A	18-12AWG	600V	25A	18-12AWG	600V	55A	18-8AWG
<b>VDE Approval</b>	800V	24A	2.5mm <sup>2</sup>	750V	35A	4mm <sup>2</sup>	750V	46A	6mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>Agency File #</b>	E179129, LR84816			E179129, LR84816			E179129, LR84816		
<b>Wire Strip Length</b>	0.39" (10mm)			0.39" (10mm)			0.47" (12mm)		
<b>Tightening Torque</b>	4.5 lb./in. (0.5Nm)			5.5 lb./in. (0.6Nm)			10.6 lb./in. (1.2Nm)		
<b>Density</b>	60 pcs./ft. (200/m)			50 pcs./ft. (166/m)			43 pcs./ft. (142/m)		

### Accessories

	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN Rail							10	various
<b>End Bracket*</b>	DN-EB35	50	check	DN-EB35	50	check	DN-EB35	50	check
<b>End Cover*</b>	DN-EC1210	100	check	DN-EC1210	100	check	DN-EC86	100	check
<b>Separator*</b>	DN-S1210	100	check	DN-S1210	100	check	DN-S86	100	check
<b>Jumpers / 2 Pole</b>	DN-2J12	100	check	DN-2J10	100	check	DN-2J8	100	check
<b>/ 3 Pole</b>	DN-3J12	100	check	DN-3J10	100	check	DN-3J8	100	check
<b>/ 4 Pole</b>	DN-4J12	100	check	DN-4J10	100	check	DN-4J8	100	check
<b>/ Multi-pole</b>	DN-100J12 100 pole	1	check	DN-82J10 82 pole	1	check	DN-70J8 70 pole	1	check
<b>Marking Tags</b>	DN-LA or DN-LT series	500/ 100	various	DN-L or DN- LT series	500/ 100	various	DN-L or DN-LT series	500/ 100	various
<b>Angled Support Bracket</b>	DN-ASB1	50	check	DN-ASB1	50	check	DN-ASB1	50	check
<b>Top Cover</b>	DN-C12	100	check	DN-C10	100	check	DN-C86	100	check
<b>Test Plug, Red</b>	-	-	-	DN-TPR	10	check	-	-	-
<b>Test Plug, Black</b>	-	-	-	DN-TPB	10	check	-	-	-

DN-EC1210



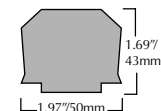
DN-S1210

T: 1.5mm (0.06")  
L: 55mm (2.17")  
H: 44mm (1.73")

DN-EC86

T: 1.5mm (0.06")  
L: 50mm (1.97")  
H: 43mm (1.69")

DN-S86

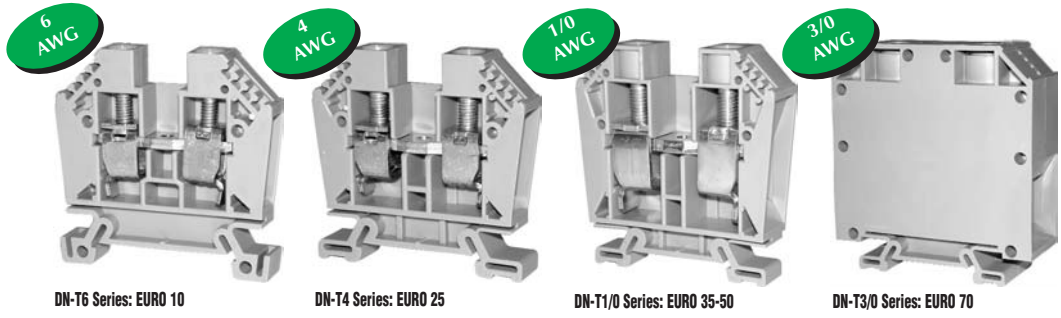


T: 1.5mm (0.06")  
L: 55mm (2.17")  
H: 49mm (1.93")

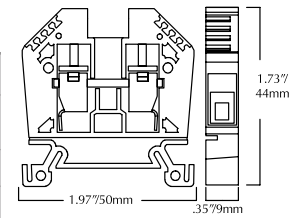
CONNECTION



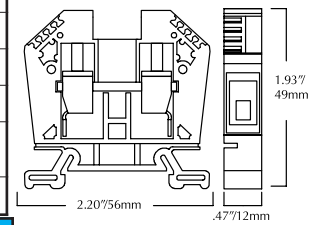
# FEED-THROUGH TERMINAL BLOCKS



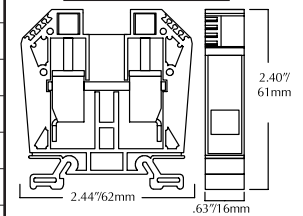
## DN-T6



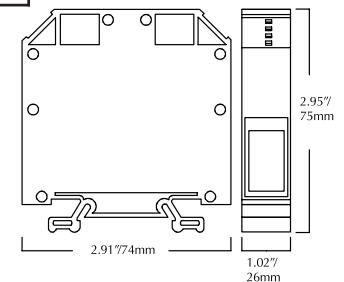
## DN-T4



## DN-T1/0



## DN-T3/0

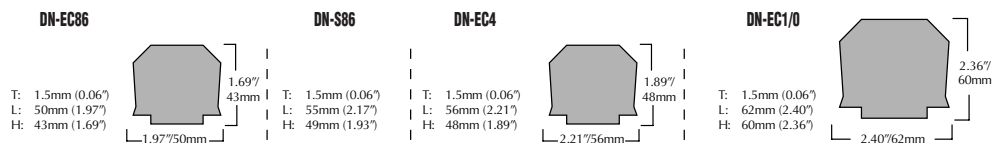


Specifications												
	Part #	Pcs/ Pkg	Price/ Pkg	Part #	Pcs/ Pkg	Price/ Pkg	Part #	Pcs/ Pkg	Price/ Pkg	Part #	Pcs/ Pkg	Price/ Pkg
<b>Gray Term Block</b>	DN-T6	50	check	DN-T4	25	check	DN-T1/0	25	check	DN-T3/0	10	check
<b>Blue Term Block</b>	DN-T6B	50	check	DN-T4B	25	check	DN-T1/0B	25	check	-	-	-
<b>UL Approval</b>	600V	65A	20-6 AWG	600V	85A	14-4 AWG	600V	140A	14-1/0 AWG	600V	160A	4-3/0 AWG
<b>CSA Approval</b>	600V	80A	18-6 AWG	600V	105A	14-4 AWG	600V	140A	14-1/0 AWG	600V	175A	4-3/0 AWG
<b>VDE Approval</b>	750V	63A	10mm <sup>2</sup>	750V	110A	25mm <sup>2</sup>	750V	165A	50mm <sup>2</sup>	750V	192A	70mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21	
<b>Agency File#</b>	E179129, LR84816		E179129, LR84816		E179129, LR84816		E179129, LR84816		E179129, LR84816		E179129, LR84816	
<b>Wire Strip Length</b>	0.47" (12mm)		0.55" (14mm)		0.67" (17mm)		0.67" (17mm)		1.02" (26mm)		1.02" (26mm)	
<b>Tightening Torque</b>	18.0 lb./in. (2.0Nm)		26.5 lb./in. (3.0Nm)		44 lb./in. (5.0Nm)		44 lb./in. (5.0Nm)		89 lb./in. (10Nm)		89 lb./in. (10Nm)	
<b>Density</b>	33 pcs./ft. (111/m)		25 pcs./ft. (83/m)		25 pcs./ft. (83/m)		19 pcs./ft. (62/m)		19 pcs./ft. (62/m)		11 pcs./ft. (38/m)	

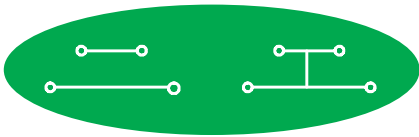
Accessories												
	Part #	Pcs/ Pkg	Price/ Pkg	Part #	Pcs/ Pkg	Price/ Pkg	Part #	Pcs/ Pkg	Price/ Pkg	Part #	Pcs/ Pkg	Price/ Pkg
<b>DIN Rail</b>	35mm DIN Rail										10	various
<b>End Bracket*</b>	DN-EB35										50	check
<b>End Cover*</b>	DN-EC86	100	check	DN-EC4	50	check	DN-EC1/0	50	check	Included	-	-
<b>Separator*</b>	DN-S86	100	check	-	-	-	-	-	-	-	-	-
<b>Jumpers/ 2 Pole</b>	DN-2J6	100	check	-	-	-	-	-	-	-	-	-
<b>    / 3 Pole</b>	DN-3J6	100	check	-	-	-	-	-	-	-	-	-
<b>    / 9 Pole</b>	DN-4J6	100	check	-	-	-	-	-	-	-	-	-
<b>    / Multi-pole</b>	DN-55J6	1	check	-	-	-	-	-	-	-	-	-
<b>Marking Tags</b>	DN-LA or DN-LT series	500/ 100	various	DN-LA or DN-LT series	500/ 100	various	DN-LA or DN-LT series	500/ 100	various	DN-LA or DN-LT series	500/ 100	various
<b>Angled Support Bracket</b>	DN-ASB										50	check

\* END BRACKET available in quantity of 20, Part #DN-EB35MN  
 END COVER available in quantity of 25, Part #DN-EC86MN

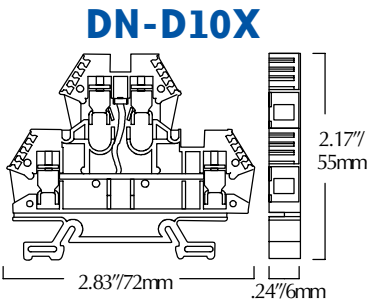
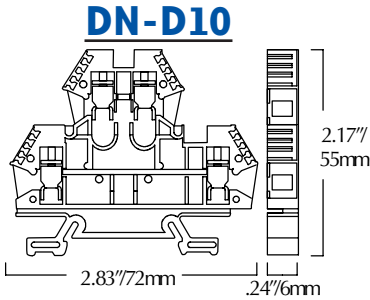
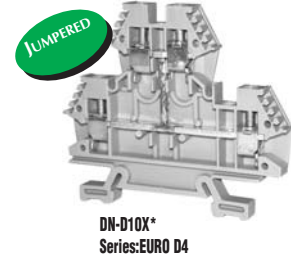
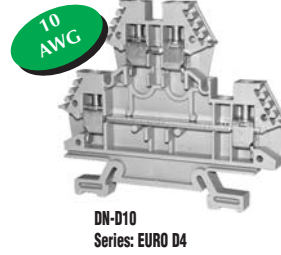
NOTE: for more information on accessories, see pages 28-23 through 28-31.



# DOUBLE-LEVEL TERMINAL BLOCKS



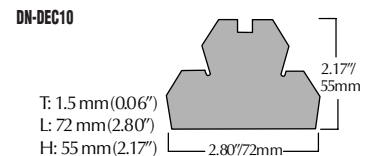
Double-level terminal blocks offer twice the wiring density of feed-through blocks. The DN-D10X version is supplied with an internal jumper to common all four of its connection points.



Specifications						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Gray Term Block</b>	DN-D10	50	check	DN-D10X	50	check
<b>Blue Term Block</b>	DN-D10B	50	check	-	-	-
<b>Black Term Block</b>	DN-D10BLK	50	check	-	-	-
<b>Green Term Block</b>	DN-D10GRN	50	check	-	-	-
<b>Orange Term Block</b>	DN-D10ORG	50	check	-	-	-
<b>Red Term Block</b>	DN-D10RED	50	check	-	-	-
<b>Yellow Term Block</b>	DN-D10YEL	50	check	-	-	-
<b>UL Approval</b>	600V	30A	24-10AWG	600V	30A	24-10AWG
<b>CSA Approval</b>	600V	25A	18-12AWG	600V	25A	18-12AWG
<b>VDE Approval</b>	750V	35A	4mm <sup>2</sup>	750V	35A	4mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>Agency File #</b>	E179129, LR84816			E179129, LR84816		
<b>Wire Strip Length</b>	0.39" (10mm)			0.39" (10mm)		
<b>Tightening Torque</b>	5.5 lb/in. (0.6Nm)			5.5 lb/in. (0.6Nm)		
<b>Density</b>	50 pcs./ft. (166/m)			50 pcs./ft. (166/m)		

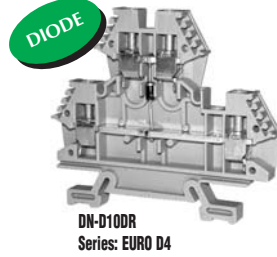
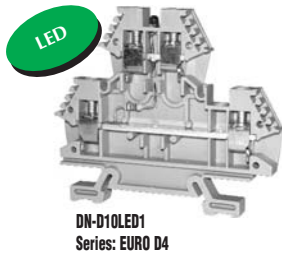
Accessories						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN Rail				10	various
<b>End Bracket***</b>	DN-EB35	50	check	DN-EB35	50	check
<b>End Cover</b>	DN-DEC10	50	check	DN-DEC10	50	check
<b>Jumpers / 2 Pole</b>	DN-2JM10	100	check	DN-2JM10*	100	check
<b>/ 3 Pole</b>	DN-3JM10	100	check	DN-3JM10*	100	check
<b>/ 4 Pole</b>	DN-4JM10	100	check	DN-4JM10*	100	check
<b>/ Multi-pole</b>	DN-82JM10 82 pole	1	check	DN-82JM10* 82 pole	1	check
<b>Marking Tags</b>	DN-L or DN-LT series				500/100	various
<b>Angled Support Bracket</b>	DN-ASB1	50	check	DN-ASB1	50	check
<b>Top Cover</b>	DN-DC10**	100	check	DN-DC10**	100	check
<b>Test Plug, Red</b>	DN-TPR	10	check	DN-TPR*	10	check
<b>Test Plug, Black</b>	DN-TPB	10	check	DN-TPB*	10	check

\* Note: Jumpering and testing should be done on bottom level only.  
 \*\* Does not provide CE compliant protection if using bottom level jumpers.  
 \*\*\* END BRACKET available in quantity of 20, Part #DN-EB35MN  
 NOTE: for more information on accessories, see pages 28-23 through 28-31.



CONNECTION

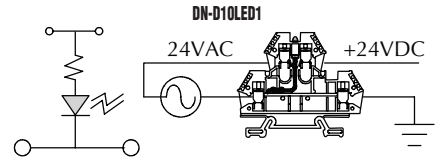
# DOUBLE-LEVEL TERMINAL BLOCKS



## LED terminal blocks

These terminal blocks provide built-in LED indicators. The LED illuminates when voltage is present. The LED1 version is for 24V AC/DC circuits, and includes current-limiting elements.

**Note:** Wire only one supply.



Specifications						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Gray Term Block</b>	DN-D10LED1*	10	check	DN-D10DR*	50	check
<b>UL Approval</b>	600V	30A	24-10 AWG	600V	1A (Diode)	24-10 AWG
<b>CSA Approval</b>	600V	25A	18-12 AWG	600V	1A (Diode)	18-10 AWG
<b>VDE Approval</b>	750V	35A	4mm <sup>2</sup>	750V	1A (Diode)	4mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>Agency File #</b>	E179129, LR84816			E179129, LR84816		
<b>Wire Strip Length</b>	0.39" (10mm)			0.39" (10mm)		
<b>Tightening Torque</b>	5.5 lb/in. (0.6Nm)			5.5 lb/in. (0.6Nm)		
<b>Density</b>	50 pcs./ft. (166/m)			50 pcs./ft. (166/m)		
<b>Indicator Circuit Working Voltage</b>	DN-D10LED1:24VAC/DC+/-15%			-		

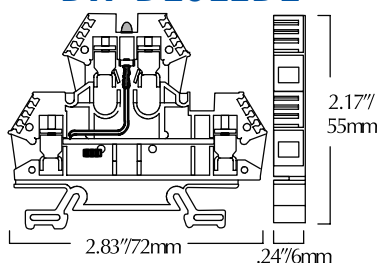
\* Note: Jumpering and testing should be done on bottom level only!

Accessories						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN Rail				10	various
<b>End Bracket**</b>	DN-EB35	50	check	DN-EB35	50	check
<b>End Cover</b>	DN-DEC10	50	check	DN-DEC10	50	check
<b>Jumpers / 2 Pole</b>	DN-2JM10*	100	check	DN-2JM10*	100	check
<b>/ 3 Pole</b>	DN-3JM10*	100	check	DN-3JM10*	100	check
<b>/ 4 Pole</b>	DN-4JM10*	100	check	DN-4JM10*	100	check
<b>/ Multi-pole</b>	DN-82JM10* 82 pole	1	check	DN-82JM10* 82 pole	1	check
<b>Marking Tags</b>	DN-L or DN-LT series				500/100	various
<b>Angled Support Bracket</b>	DN-ASB1	50	check	DN-ASB1	50	check
<b>Top Cover</b>	DN-DC10	100	check	DN-DC10	100	check
<b>Test Plug, Red</b>	DN-TPR*	10	check	DN-TPR*	10	check
<b>Test Plug, Black</b>	DN-TPB*	10	check	DN-TPB*	10	check

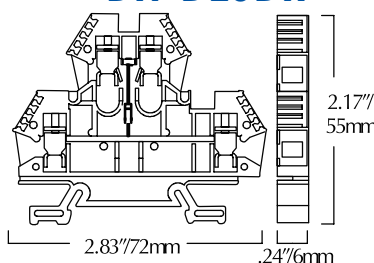
\*\* END BRACKET available in quantity of 20, Part #DN-EB35MM

NOTE: for more information on accessories, see pages 28-23 through 28-31.

## DN-D10LED1

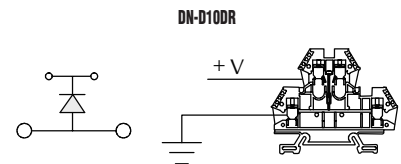


## DN-D10DR

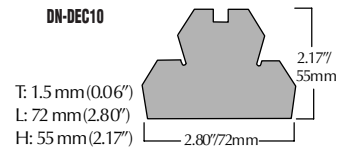


## Diode terminal blocks

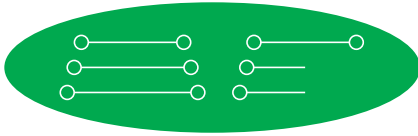
Typically, an inductive load produces a spike (neg.-going) when it is turned off. These terminal blocks with built-in clamping diodes help protect your PLC's output circuits. The circuit below shows the normal voltages to the load (during on state).



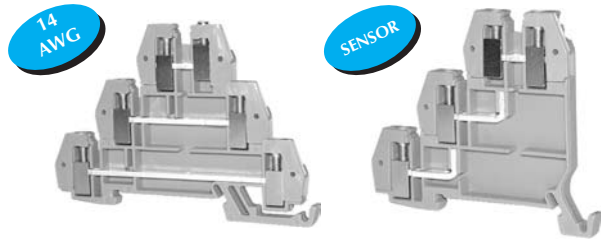
## DN-DEC10



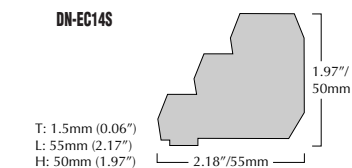
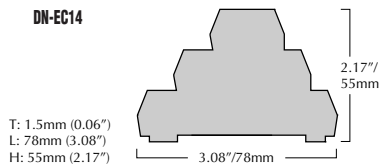
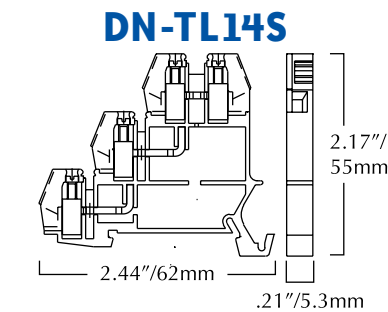
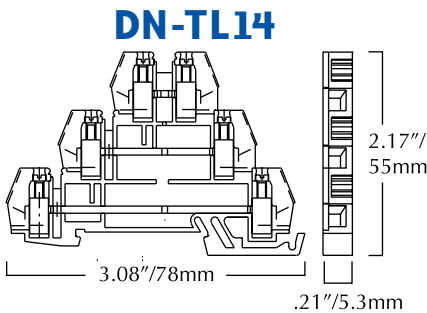
# TRIPLE-LEVEL AND SENSOR TERMINAL BLOCKS



Our triple-level terminal blocks enable either high-density wiring or simplified, low-cost sensor wiring. When wiring space is at a premium, use the DN-TL14 to connect three separate circuits in only 5mm of linear DIN rail space. The rest of our family of triple-level blocks will allow you to wire one terminal block per sensor, vs. the traditional method, which requires three different single-level blocks per sensor. The DN-TL14S is our standard sensor terminal block, and the DN-TL14SLP and DN-TL14SLN provide LED indication at the terminal block when voltage is present.



Specifications						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Gray Term Block</b>	DN-TL14	25	check	DN-TL14S	25	check
<b>UL Approval</b>	300V	10A	26-14AWG	300V	10A	26-14AWG
<b>CSA Approval</b>	300V	10A	26-14AWG	300V	10A	26-14AWG
<b>VDE Approval</b>	300V	10A	2.5mm <sup>2</sup>	300V	10A	2.5mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>Agency File #</b>	E179129			E179129		
<b>Wire Strip Length</b>	0.39" (10mm)			0.39" (10mm)		
<b>Tightening Torque</b>	4.5 lb/in. (0.50 Nm)			4.5 lb/in. (0.50 Nm)		
<b>Density</b>	57 pcs./ft. (200/m)			57 pcs./ft. (200/m)		



\* **END BRACKET** available in quantity of 20, Part #DN-EB35MN  
 NOTE: for more information on accessories, see pages 28-23 through 28-31.

Accessories							
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	
<b>DIN Rail</b>	35mm DIN rail				10	various	
<b>End Bracket*</b>	DN-EB35	50	check	DN-EB35	50	check	
<b>End Cover</b>	DN-EC14	25	check	DN-EC14S	25	check	
<b>Jumpers</b>	<b>/ 2 Pole Blue</b>	DN-2JL14B	100	check	DN-2JL14B	100	check
	<b>/ 3 Pole Blue</b>	DN-3JL14B	100	check	DN-3JL14B	100	check
	<b>/ 4 Pole Blue</b>	DN-4JL14B	100	check	DN-4JL14B	100	check
	<b>/ 12 Pole Blue</b>	DN-12JL14B	10	check	DN-12JL14B	10	check
	<b>/ 2 Pole Red</b>	DN-2JL14	100	check	DN-2JL14	100	check
	<b>/ 3 Pole Red</b>	DN-3JL14	100	check	DN-3JL14	100	check
	<b>/ 4 Pole Red</b>	DN-4JL14	100	check	DN-4JL14	100	check
	<b>/ 12 Pole Red</b>	DN-12JL14	10	check	DN-12JL14	10	check
<b>Marking Tags</b>	DN-LAT series				500	check	
<b>Angled Support Bracket</b>	DN-ASB1	50	check	DN-ASB1	50	check	

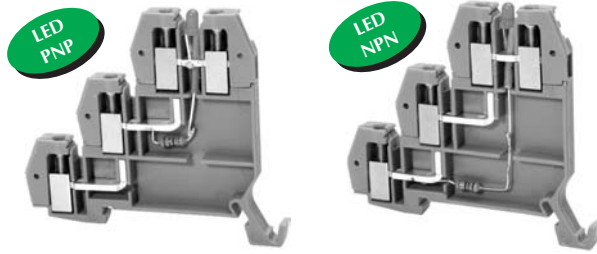
## Sensor wiring has never been this simple.

- A** Wire the bottom two levels of one DN-TL14 to connect your power supply to what will become a sensor +V and -V power bus.
- B** Mount the triple-level sensor blocks next to the DN-TL14. (The DN-TL14S is our standard sensor terminal block. The DN-TL14SLP gives you LED indication for PNP sensors, and the DN-TL14SLN gives you LED indication for NPN sensors.)
- C** Use the top level to connect the first sensor signal line to the PLC.
- D** Connect the DN-TL14 to the sensor terminal blocks by plugging the 2 thru 12 pole jumpers into the jumper slots. This will create a +V and -V power bus on the two bottom levels of the terminals. Use an external wire to connect a group of 12 DN-TL14s to another group.
- E** Wire the sensor signal lines through the top levels of the blocks to your PLC or controller. Remember to use the appropriate end covers to cover any exposed metal parts for safety purposes.

See example wiring diagram on next page

CONNECTION

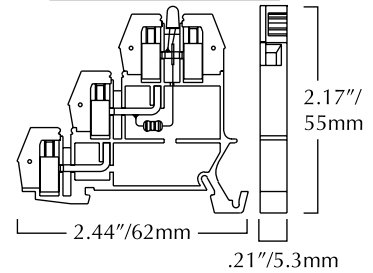
# SENSOR TERMINAL BLOCKS



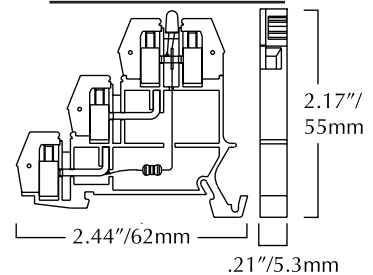
Specifications						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Gray Term Block</b>	DN-TL14SLP	25	check	DN-TL14SLN	25	check
<b>UL Approval</b>	300V	10A	26-14AWG	300V	10A	26-14AWG
<b>CSA Approval</b>	300V	10A	26-14AWG	300V	10A	26-14AWG
<b>VDE Approval</b>	300V	10A	2.5mm <sup>2</sup>	300V	10A	2.5mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>LED Voltage</b>	24V AC/DC			24V AC/DC		
<b>Agency File #</b>	E179129			E179129		
<b>Leakage Current</b>	25mA@5V			25mA@5V		
<b>Wire Strip Length</b>	0.39" (10mm)			0.39" (10mm)		
<b>Tightening Torque</b>	4.5/lb-in. (0.50 Nm)			4.5/lb-in. (0.50 Nm)		
<b>Density</b>	57 pcs./ft. (200/m)			57 pcs./ft. (200/m)		

Accessories						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN rail				10	various
<b>End Bracket*</b>	DN-EB35	50	check	DN-EB35	50	check
<b>End Cover</b>	DN-EC14S	25	check	DN-EC14S	25	check
<b>Jumpers / 2 Pole Blue</b>	DN-2JL14B	100	check	DN-2JL14B	100	check
<b>/ 3 Pole Blue</b>	DN-3JL14B	100	check	DN-3JL14B	100	check
<b>/ 4 Pole Blue</b>	DN-4JL14B	100	check	DN-4JL14B	100	check
<b>/ 12 Pole Blue</b>	DN-12JL14B	10	check	DN-12JL14B	10	check
<b>/ 2 Pole Red</b>	DN-2JL14	100	check	DN-2JL14	100	check
<b>/ 3 Pole Red</b>	DN-3JL14	100	check	DN-3JL14	100	check
<b>/ 4 Pole Red</b>	DN-4JL14	100	check	DN-4JL14	100	check
<b>/ 12 Pole Red</b>	DN-12JL14	10	check	DN-12JL14	10	check
<b>Marking Tags</b>	DN-LAT series				500	check
<b>Angled Support Bracket</b>	DN-ASB1	50	check	DN-ASB1	50	check

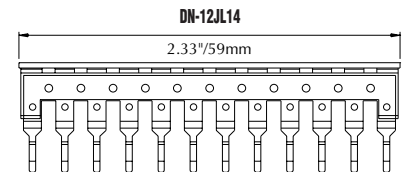
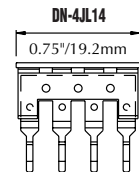
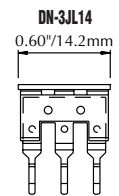
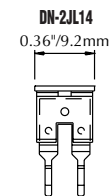
## DN-TL14SLP



## DN-TL14SLN

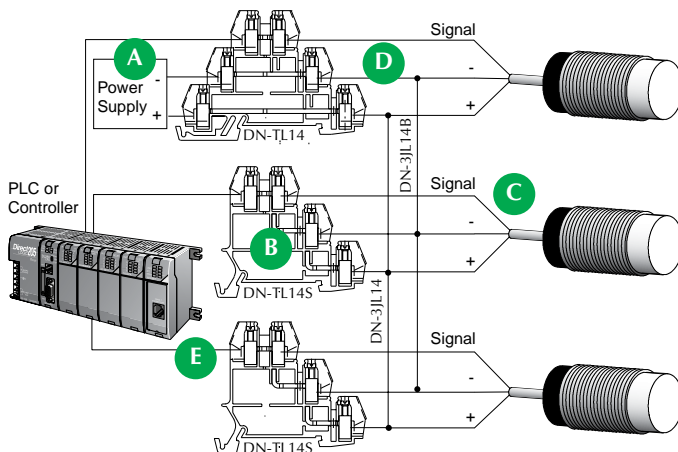


## Screwless, plug-in, insulated jumpering system

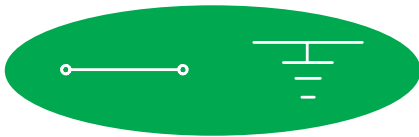


\* END BRACKET available in quantity of 20, Part #DN-EB35MN  
NOTE: for more information on accessories, see pages 28-23 through 28-31.

## Sensor wiring diagram



# MINI TERMINAL BLOCKS



Mini terminal blocks are used in areas with extremely limited space requirements, and mount on the smaller DIN rail type DN-R15S1.

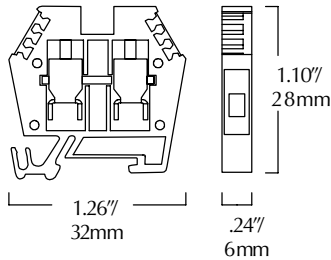


DN-M10  
Series: EURO 4/15

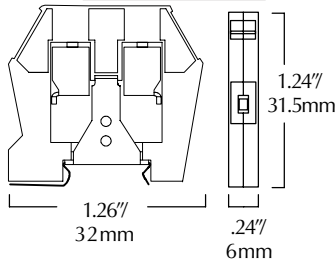


DN-MG10  
Series: EURO E4/15

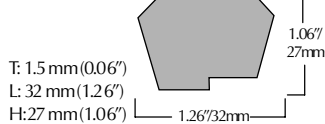
## DN-M10



## DN-MG10



DN-ECM10



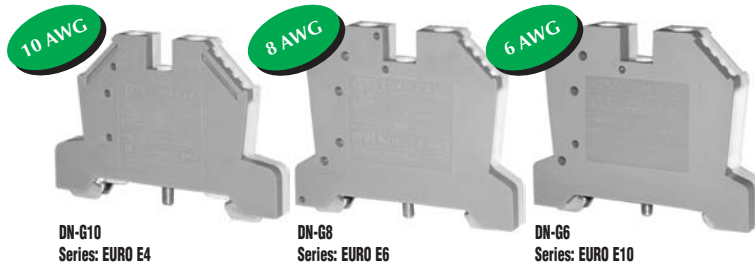
Specifications						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
Gray Term Block	DN-M10	100	check	-	-	-
Blue Term Block	DN-M10B	100	check	-	-	-
Green/Yellow Block	-	-	-	DN-MG10	20	check
UL Approval	300V	30A	24-10AWG	-	-	18-10AWG
CSA Approval	300V	25A	18-12 AWG	-	-	18-10AWG
VDE Approval	400V	35A	4mm <sup>2</sup>	-	-	4mm <sup>2</sup>
CE Conformity	CE 23/20, CE 23/21			CE 23/20, CE 23/21		
Agency File#	E179129, LR84816			E179129, LR84816		
Wire Strip Length	0.39" (10mm)			0.39" (10mm)		
Tightening Torque	5.5 lb/in. (0.6Nm)			5.5 lb/in. (0.6Nm)		
Density	43 pcs./ft. (142/m)			50 pcs./ft. (166/m)		

Accessories						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
DIN Rail	15mm DIN rail				10	various
End Bracket*	DN-EB15	100	check	-	-	-
End Cover*	DN-ECM10	100	check	-	-	-
Jumpers / 2 Pole	DN-2JM10	100	check	-	-	-
/ 3 Pole	DN-3JM10	100	check	-	-	-
/ 4 Pole	DN-4JM10	100	check	-	-	-
/ Multi-pole	DN-82JM10 82 pole	1	check	-	-	-
Marking Tags	DN-LT series				100	check
Angled Support Bracket	DN-ASB1	50	check	DN-ASB1	50	check
Top Cover	DN-MC10	100	check	-	-	-

\* END BRACKET available in quantity of 20, Part #DN-EB15MN  
 END COVER available in quantity of 25, Part #DN-ECM10MN  
 NOTE: for more information on accessories, see pages 28-23 through 28-31.



# GROUND TERMINAL BLOCKS



DN-G10  
Series: EURO E4

DN-G8  
Series: EURO E6

DN-G6  
Series: EURO E10

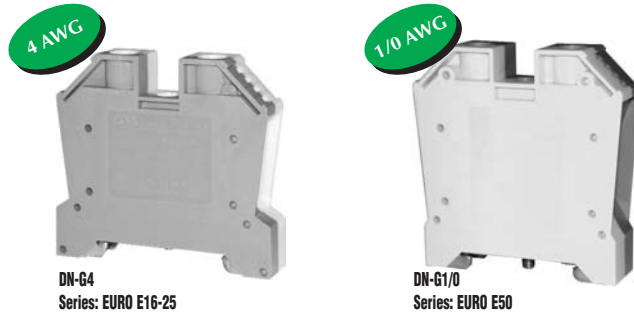


Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

*Note: The use of an end bracket is not required when a ground block is positioned at the end of a terminal block assembly.*

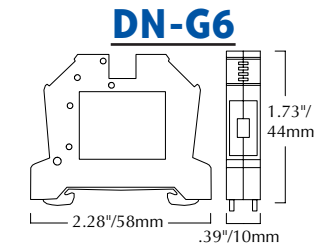
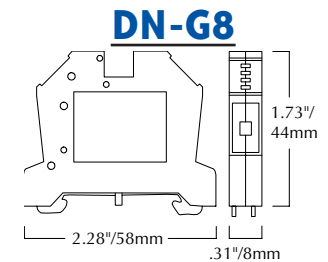
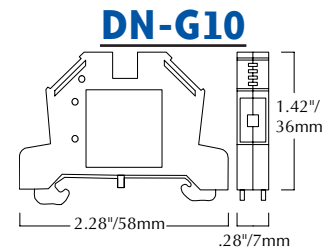
Ground blocks are molded in green and yellow per international standards.

Specifications									
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part#	Pcs/Pkg	Price/Pkg
<b>Ground Block</b>	DN-G10	50	check	DN-G8	50	check	DN-G6	50	check
<b>UL Approval</b>	-	-	24-10AWG	-	-	22-8AWG	-	-	20-6AWG
<b>CSA Approval</b>	-	-	18-12AWG	-	-	18-8AWG	-	-	18-6AWG
<b>VDE Approval</b>	-	-	4mm <sup>2</sup>	-	-	6mm <sup>2</sup>	-	-	10mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>Agency File#</b>	E179129, LR84816			E179129, LR84816			E179129, LR84816		
<b>Wire Strip Length</b>	0.39" (10mm)			0.47" (12mm)			0.51" (13mm)		
<b>Tightening Torque</b>	5.5 lb/in. (0.6Nm)			10.6 lb/in. (1.2 Nm)			18 lb/in. (2.0 Nm)		
<b>Density</b>	43 pcs./ft. (142/m)			38 pcs./ft. (125/m)			30 pcs./ft. (100/m)		



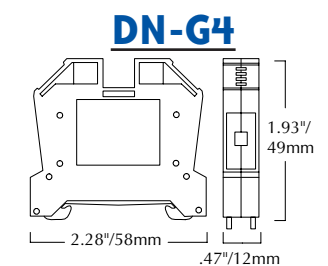
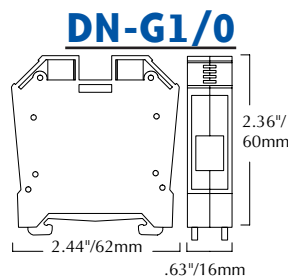
DN-G4  
Series: EURO E16-25

DN-G1/0  
Series: EURO E50



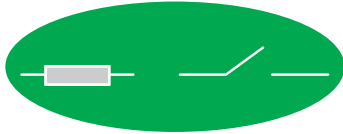
Specifications						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Ground Block</b>	DN-G4	25	check	DN-G1/0	25	check
<b>UL Approval</b>	-	-	14-4AWG	-	-	14-1/0AWG
<b>CSA Approval</b>	-	-	14-4AWG	-	-	14-1/0AWG
<b>VDE Approval</b>	-	-	25mm <sup>2</sup>	-	-	35mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>Agency File#</b>	E179129, LR84816			E179129, LR84816		
<b>Wire Strip Length</b>	0.55" (14mm)			0.71" (18mm)		
<b>Tightening Torque</b>	25.6 lb/in. (3.0 Nm)			44 lb/in. (5.0 Nm)		
<b>Density</b>	25 pcs./ft. (83/m)			19 pcs./ft. (62/m)		

Ground Block Accessories*			
	Part#	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN rail	10	various
<b>Marking Tags</b>	DN-LT series	100	check
<b>Angled Support Bracket</b>	DN-ASB1	50	check



\* NOTE: for more information on accessories, see pages 28-23 through 28-31.

# FUSE TERMINAL BLOCKS



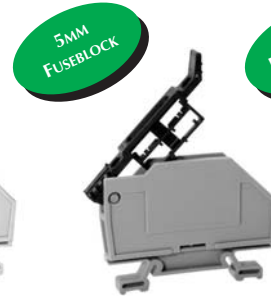
Fuse blocks are available for 1/4", 5mm, and Class CC size fuses, either with or without a blown fuse LED. LED fuse blocks are polarity sensitive. The hinge side is positive.



DN-F6 Series: EURO S10-5



DN-F6L Series: EURO S10-5

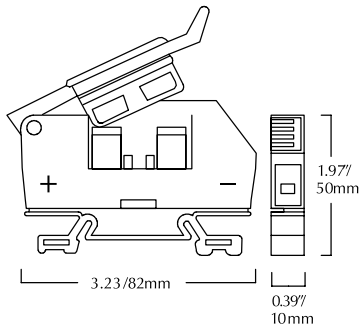


DN-F10 Series: EURO S4

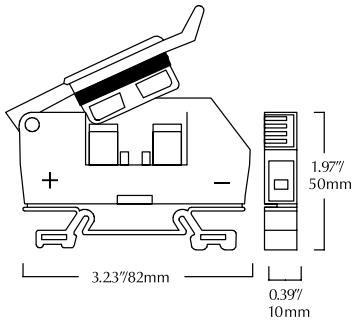


DN-F10L Series: EURO S4

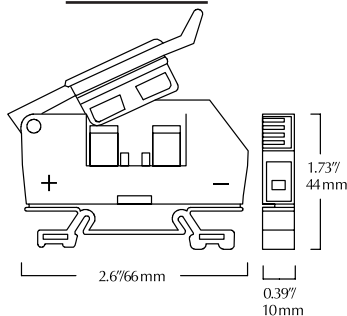
## DN-F6



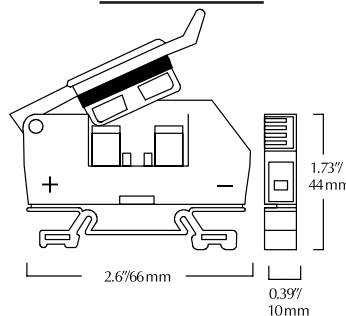
## DN-F6L



## DN-F10



## DN-F10L



### Specifications

	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Gray Term Blk</b>	DN-F6	25	check	-	-	-	DN-F10	50	check	-	-	-
<b>12-24VAC/DC*</b>		-	-	DN-F6L24	10	check		-	-	DN-F10L24	10	check
<b>110VAC/DC*</b>	Per fuse rating	-	-	DN-F6L110	10	check	Per fuse rating	-	-	DN-F10L110	10	check
<b>220VAC/DC*</b>		-	-	DN-F6L220	10	check		-	-	DN-F10L220	10	check
<b>UL Approval</b>	600V	30A	20-6 AWG	600V	30A	20-6 AWG	300V	30A	24-10 AWG	300V	30A	24-10 AWG
<b>CSA Approval</b>	600V	30A	18-6 AWG	600V	30A	18-6 AWG	300V	8A	18-12 AWG	300V	8A	18-12 AWG
<b>VDE Approval</b>	750V	8A	-	750V	8A	-	500V	8A	4mm <sup>2</sup>	500V	8A	4mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21		CE 23/20, CE 23/21	
<b>Agency File#</b>	E179129, LR84816			E179129, LR84816			E179129, LR84816			E179129, LR84816		
<b>Wire Strip Length</b>	0.47" (12mm)			0.47" (12mm)			0.39" (10mm)			0.39" (10mm)		
<b>Tightening Torque</b>	18.0 lb./in. (2.0Nm)			18.0 lb./in. (2.0Nm)			5.5 lb./in. (0.6Nm)			5.5 lb./in. (0.6Nm)		
<b>Density</b>	30 pcs./ft. (100/m)			30 pcs./ft. (100/m)			30 pcs./ft. (100/m)			30 pcs./ft. (100/m)		
<b>Fuse Size (not supplied)</b>	1 1/4" X 1/4"			1 1/4" X 1/4"			5x20mm-5x25mm			5x20mm-5x25mm		
<b>Indicator Type</b>	Non-indicating			LED blown fuse indicator			Non-indicating			LED blown fuse indicator		

### Accessories

	Part#	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN rail	10	various
<b>End Bracket****</b>	DN-EB35	50	check
<b>End Cover</b>	Included	-	-
<b>Marking Tags</b>	DN-L**/DN-LT*** series	500/100	various
<b>Angled Support Bracket</b>	DN-ASB1	50	No Match!

\*Working voltage

\*\*On lever arm

\*\*\*On Terminal body

\*\*\*\* END BRACKET available in quantity of 20, Part #DN-EB35MN

NOTE: for more information on accessories, see pages 28-23 through 28-31.





# FUSE TERMINAL BLOCKS

Midget fuses are supplemental fuses and are not rated for current limiting applications. They do not have rejection tips. Class CC fuses are current limiting fuses with rejection tips on the bottoms to prevent them from being used in holders not rated similarly.



**DN-FM6    DN-FM6L    DN-FM6-CC    DN-FM6L-CC**

Specifications												
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>White Fuse Block</b>	DN-FM6	12	check	DN-FM6L	12	check	DN-FM6-CC	12	check	DN-FM6L-CC	12	check
<b>UL Approval</b>	600V	30A	14-6AWG	600V	30A	14-6AWG	600V	30A	14-6AWG	600V	30A	14-6AWG
<b>CSA Approval</b>	600V	30A	14-6AWG	600V	30A	14-6AWG	600V	30A	14-6AWG	600V	30A	14-6AWG
<b>CE Conformity</b>	CE 93/68/EEC			CE 93/68/EEC			CE 93/68/EEC			CE 93/68/EEC		
<b>Working Voltage (Indicating Circuit)</b>	-			90-600VAC, 110-600VDC			-			90-600VAC, 115-600VDC		
<b>Leakage Current (Indicating Circuit)</b>	-			0.7mA max @600V			-			0.7mA max @ 600V		
<b>Withstand Rating (RMS Symmetrical)</b>	100,000A			100,000A			200,000A			200,000A		
<b>Agency File#</b>	E52283, CSA 32169, IEC 269			E52283, CSA 32169, IEC 269			E52283, CSA 32169, IEC 269			E52283, CSA 32169, IEC 269		
<b>Wire Strip Length</b>	0.5" (12.7mm)			0.5" (12.7mm)			0.5" (12.7mm)			0.5" (12.7mm)		
<b>Tightening Torque</b>	15 lb/in. (1.7Nm)			15 lb/in. (1.7Nm)			15 lb/in. (1.7Nm)			15 lb/in. (1.7Nm)		
<b>Density</b>	17 pcs./ft. (56/m)			17 pcs./ft. (56/m)			17 pcs./ft. (56/m)			17 pcs./ft. (56/m)		
<b>Fuse Type*</b>	1 1/2"x13/32" Midget			1 1/2"x13/32" Midget			Class CC			Class CC		
<b>Indicator Type</b>	Non-indicating			Neon blown fuse indicator			Non-indicating			Indicating		

Accessories			
	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN rail		
<b>End Bracket**</b>	DN-EB35	50	check
<b>End Cover</b>	Included	-	-
<b>2 Pole Lever Assembly Pins</b>	DN-FAP2	10	check
<b>3 Pole Lever Assembly Pins</b>	DN-FAP3	10	check
<b>Angled Support Bracket</b>	DN-ASB1	50	check

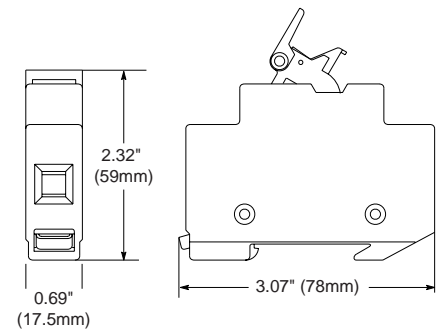
\* DINnectors DN-FM6 and DN-FM6L fuse holders will accommodate the following Ferraz Shawmut fuses: ATQ, ATM, A6Y-Type 2B, TRM, OTM, A60Q, GGU, A13X-Type 2, A25Z-Type 2

\*\* END BRACKET available in quantity of 20, Part #DN-EB35MN

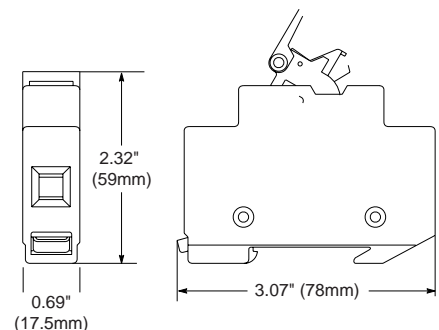
Fuse Block Cross Reference				
DINnectors	Allen-Bradley	Bussman	Littlefuse	Ferraz Shawmut
<b>DN-FM6</b>	1492-WFB10	CHM1	LPSM-001	USM1
<b>DN-FM6L</b>	1492-WFB1024	CHM1L	LPSM-001LD	USM1L
<b>DN-FAP2</b>	N/A	CH102AP	N/A	USPTH2
<b>DN-FAP3</b>	N/A	CH103AP	N/A	USPTH3

Note: Fuse holders are supplied without fuses.

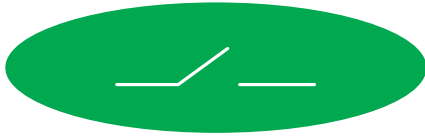
**DN-FM6 and DN-FM6-CC**



**DN-FM6L and DN-FM6L-CC**



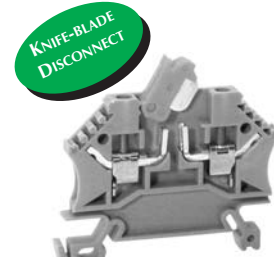
# DISCONNECT TERMINAL BLOCKS



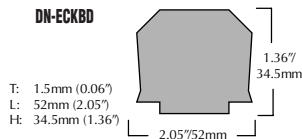
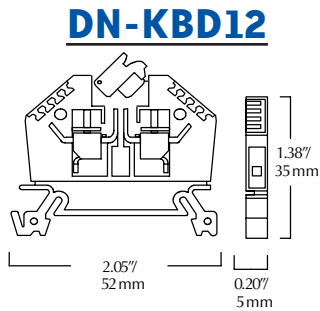
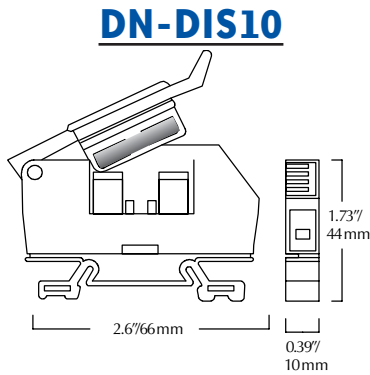
Both the DN-DIS10 and the DN-KBD12 allow fast circuit disconnection without rewiring. The DN-DIS10 is supplied with a copper disconnect bar installed in the fuse holder. The DN-KBD12 offers circuit disconnection capability by means of a pivoting, insulated “knife blade”.



**DN-DIS10**  
Series: EURO T4



**DN-KBD12**  
Series: EURO T2.5/35



Specifications						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>Gray Disconnect Block</b>	DN-DIS10	50	check	DN-KBD12	50	check
<b>UL Approval</b>	300V	30A	24-10AWG	600V	20A	22-12AWG
<b>CSA Approval</b>	300V	25A	18-12 AWG	600V	16A	18-12AWG
<b>VDE Approval</b>	500V	25A	4mm <sup>2</sup>	600V	16A	2.5mm <sup>2</sup>
<b>CE Conformity</b>	CE 23/20, CE 23/21			CE 23/20, CE 23/21		
<b>Agency File#</b>	E179129, LR84816			E179129, LR84816		
<b>Wire Strip Length</b>	0.39" (10mm)			0.39" (10mm)		
<b>Tightening Torque</b>	5.5 lb/in. (0.6Nm)			4.5 lb/in. (0.5Nm)		
<b>Density</b>	30 pcs./ft. (125/m)			60 pcs./ft. (200/m)		
<b>Disconnect Type</b>	Copper bar			Copper blade		
Accessories						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	35mm DIN Rail				10	various
<b>End Bracket*</b>	DN-EB35	50	check	DN-EB35	50	check
<b>End Cover</b>	Included	-	-	DN-ECKBD	100	check
<b>Marking Tags</b>	DN-L/DN-LT series	500/100	various	DN-LA /DN-LT series	500/100	various
<b>Angled Support Bracket</b>	DN-ASB1	50	check	DN-ASB1	50	check

\* END BRACKET available in quantity of 20, Part #DN-EB35MN

CONNECTION

# SCREWLESS TERMINAL BLOCKS OVERVIEW

## Why go screwless?

There is a growing trend in the industrial marketplace towards screwless terminal block technology. Screwless clamping technology offers customers several benefits:

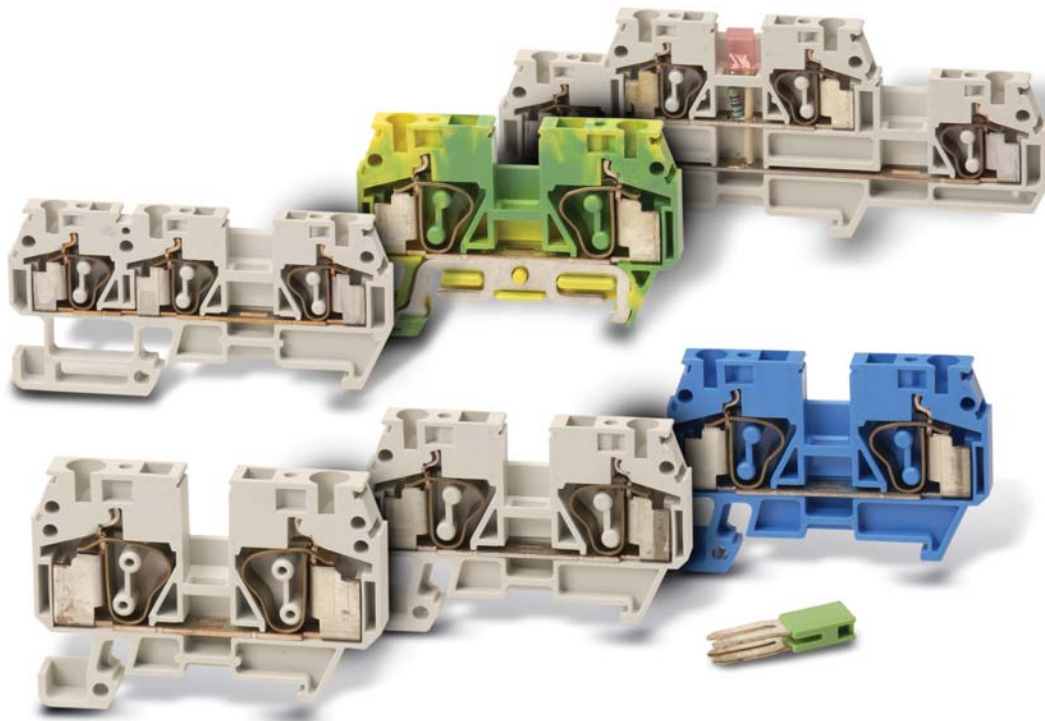
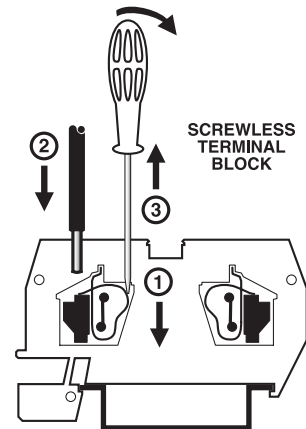
- **Speed:** On average, screwless connections can be made in half the time as screw type connections, cutting installation labor costs in half.
- **Ease:** No need for twisting and turning screws, so screwless terminal blocks are much easier on the installer's hands and arms. Also, wiring from the top 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 loose connections from loose screws again! Meets the same UL, CSA, and IEC standards as screw-type terminal blocks.
- **Reliability:** Screwless terminal blocks provide vibration-proof connections.
- **Maintenance-free:** The screwless spring-clamp conforms to the wire with constant tension, making it maintenance-free.

## Are there any trade-offs when going screwless?

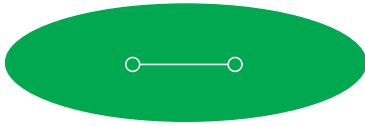
Unless you need to clamp multiple wires to the same connection point, the answer is no. If you do, then you may need more panel space than with screw terminal blocks. Unlike screw terminal blocks, screwless terminal block spring-clamps are designed to clamp a single wire, only. This is why multiple versions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

## How does it work?

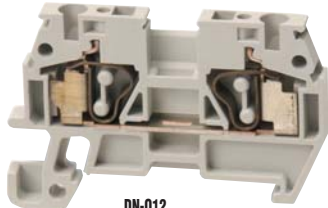
Well, it's pretty simple: push, insert, release. Just push your screwdriver into the spring clamp (a rectangular shaped hole) to open the spring clamp; insert the stripped wire into the clamp (a circular shaped hole), and pull out your screwdriver to release the clamp against the wire. That's it. The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



# SCREWLESS FEED-THROUGH TERMINAL BLOCKS



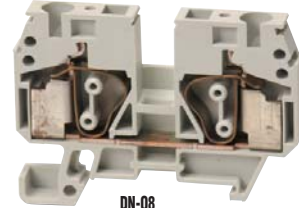
Feed-through terminal blocks provide the means to connect two wires together, and are available in sizes suitable for up to 8 AWG wire.



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



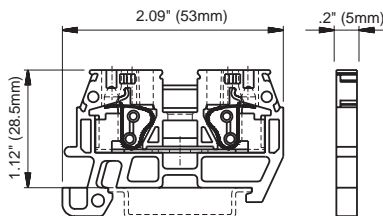
**DN-Q10B**  
(Euro Q4/35)



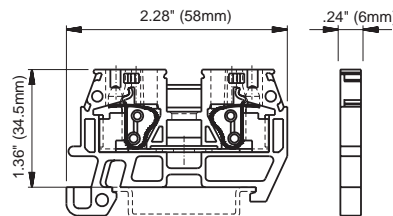
**DN-Q8**  
(Euro Q6/35)

Feed-Through Screwless Dinnectors									
	Part Number		Pcs/Pkg	Part Number		Pcs/Pkg	Part Number		Pcs/Pkg
<b>Gray Terminal Block</b>	<b>DN-Q12</b>		50	<b>DN-Q10</b>		50	<b>DN-Q8</b>		50
<b>Blue Terminal Block</b>	<b>DN-Q12B</b>		50	<b>DN-Q10B</b>		50	<b>DN-Q8B</b>		50
<b>Description</b>	Screwless feed-through terminal blocks			Screwless feed-through terminal blocks			Screwless feed-through terminal blocks		
Specifications									
<b>UL Approval</b>	600V	20A	24-12AWG	600V	30A	24-10AWG	600V	45A	22-8AWG
<b>CSA Approval</b>	600V	20A	24-12AWG	600V	30A	24-10AWG	600V	45A	22-8AWG
<b>VDE Approval</b>	630V	24A	2.5mm <sup>2</sup>	630V	32A	4mm <sup>2</sup>	630V	41A	6mm <sup>2</sup>
<b>CE Conformity</b>	IEC 947-7-1			IEC 947-7-1			IEC 947-7-1		
<b>UL/CSA</b>	UL/CSA: E179129			UL/CSA: E179129			UL/CSA: E179129		
<b>Wire Strip Length</b>	0.47" (12mm)			0.59" (15mm)			0.71" (18mm)		
<b>Density</b>	60 pcs./ft. (200/m)			50 pcs./ft. (166/m)			38 pcs./ft. (125/m)		
Accessories									
Accessory	Part Number		Pcs/Pkg	Part Number		Pcs/Pkg	Part Number		Pcs/Pkg
<b>DIN Rail</b>	<b>DN-R35S1 and DN-R35HS1</b>		10	<b>DN-R35S1 and DN-R35HS1</b>		10	<b>DN-R35S1 and DN-R35HS1</b>		10
<b>End Bracket</b>	<b>DN-EB35</b>		50	<b>DN-EB35</b>		50	<b>DN-EB35</b>		50
<b>End Cover</b>	<b>DN-QEC12</b>		50	<b>DN-QEC10</b>		50	<b>DN-QEC8</b>		50
<b>Jumper, 2 Pole</b>	<b>DN-Q2J1210</b>		50	<b>DN-Q2J1210</b>		50	<b>DN-Q2J8</b>		50
<b>Marking Tags</b>	<b>DN-QL Series</b>		500	<b>DN-QL Series</b>		500	<b>DN-QL Series</b>		500
<b>Angled Support Bracket</b>	<b>DN-ASB1</b>		50	<b>DN-ASB1</b>		50	<b>DN-ASB1</b>		50

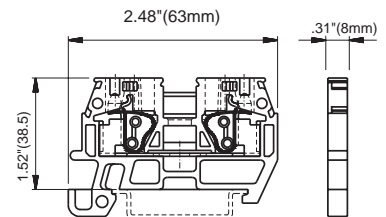
## DN-Q12



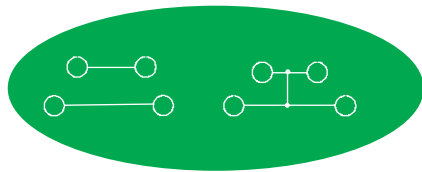
## DN-Q10



## DN-Q8



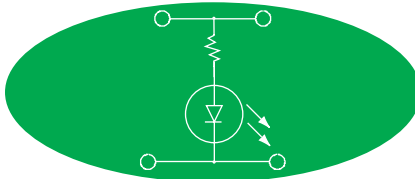
# SCREWLESS DOUBLE-LEVEL TERMINAL BLOCKS



DN-QD12

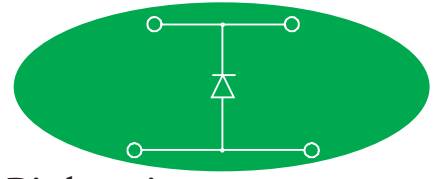
DN-QD12X

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



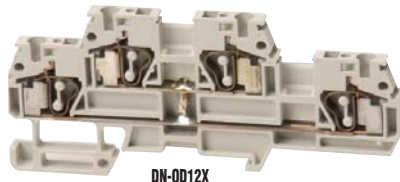
LED version

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



Diode version

Typically, an inductive load produces a spike (neg.-going) when it is turned off. These terminal blocks with built-in clamping diode help protect your PLC's output circuits.



DN-QD12X  
(Euro QD2.5/35)



DN-QD12L2  
(Euro QD2.5/35)

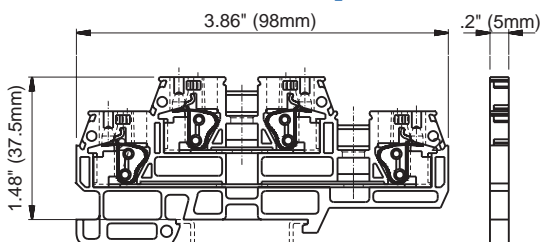


DN-QD12DR  
(Euro QD2.5/35)

Double - Level Screwless Terminal Blocks												
	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg				
Gray Terminal Block	DN-QD12	25	DN-QD12X	10	DN-QD12L2	10	DN-QD12DR	10				
Blue Terminal Block	DN-QD12B	25	DN-QD12XB	10								
Description	Double - level screwless terminal blocks		Double - level screwless cross-connected terminal blocks		Double - level screwless terminal blocks with LED installed for visual circuit indication		Double - level screwless terminal blocks with diode installed for circuit protection					
Specifications												
UL Approval	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	1A diode	24-12AWG
CSA Approval	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	1A diode	24-12AWG
VDE Approval	500V	24A	2.5mm <sup>2</sup>	500V	24A	2.5mm <sup>2</sup>	500V	24A	2.5mm <sup>2</sup>	500V	1A diode	2.5mm <sup>2</sup>
CE Conformity	IEC: IEC 947-7-1		IEC 947-7-1		IEC 947-7-1		IEC 947-7-1					
UL/CSA	UL/CSA: E179129		UL/CSA: E179129		UL/CSA: E179129		UL/CSA: E179129					
Wire Strip Length	0.47"(12mm)		0.47"(12mm)		0.47"(12mm)		0.47"(12mm)					
Density	60 pcs./ft. (200/m)		60 pcs./ft. (200/m)		60 pcs./ft. (200/m)		60 pcs./ft. (200/m)					
Accessories												
Accessory	Part Number											Pcs/Pkg
DIN Rail	DN-R35S1 and DN-R35HS1											10
End Bracket	DN-EB35											50
End Cover	DN-QDEC12											25
Jumper, 2 Pole	DN-Q2J1210*											50
Marking Tags	DN-QL Series											500
Angled Support Bracket	DN-ASB1											50

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

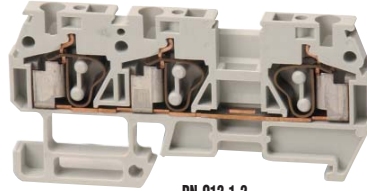
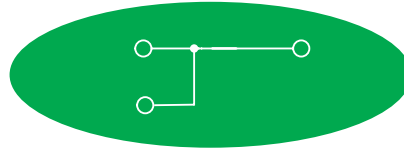
## Dimensions: DN-QD12\* Series



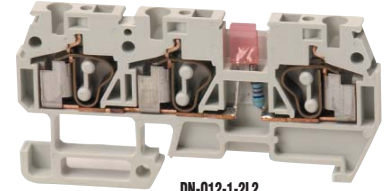
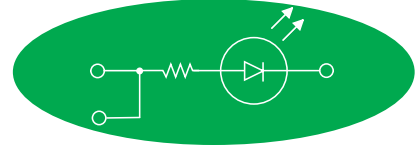
DN-QD12B  
(Euro QD2.5/35)

# 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. LED and diode variations are also available in this style.



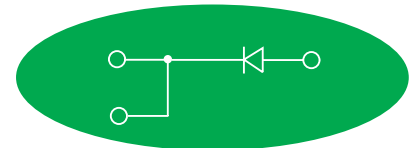
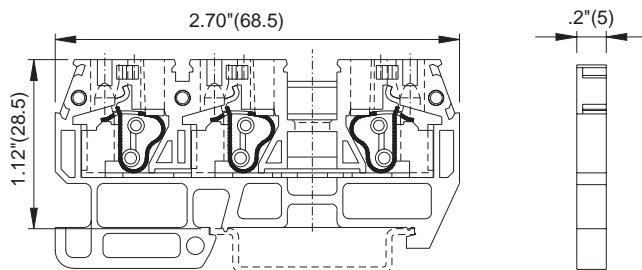
DN-Q12-1-2  
(Euro QM2.5/35)



DN-Q12-1-2L2  
(Euro QM2.5/35)

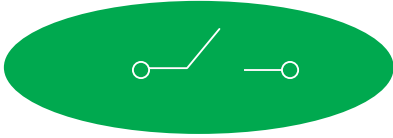
One-Connection to Two-Connection Common Point Screwless Terminal Blocks													
	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	
<b>Gray Terminal Block</b>	DN-Q12-1-2	25	DN-Q12-1-2L1	10	DN-Q12-1-2L2	10	DN-Q12-1-2DR	10					
<b>Blue Terminal Block</b>	DN-Q12B-1-2	25											
<b>Description</b>	One-connection to two-connection screwless terminal block for 24-12 AWG wire		One-connection to two-connection screwless terminal block for 24-12 AWG wire. 24VAC/DC LED installed for visual circuit indication		One-connection to two-connection screwless terminal block for 24-12 AWG wire. 24VAC/DC LED installed for visual circuit indication		One-connection to two-connection screwless terminal block for 24-12 AWG wire. 24VAC/DC LED installed for visual circuit indication		One-connection to two-connection screwless terminal block for 24-12 AWG wire. Reverse bias diode installed for circuit protection				
Specifications													
<b>UL Approval</b>	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	1A Diode	24-12AWG	
<b>CSA Approval</b>	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	1A Diode	24-12AWG	
<b>VDE Approval</b>	630V	24A	2.5mm <sup>2</sup>	630V	24A	2.5mm <sup>2</sup>	630V	24A	2.5mm <sup>2</sup>	630V	1A Diode	2.5mm <sup>2</sup>	
<b>CE Conformity</b>	IEC 947-7-1			IEC 947-7-1			IEC 947-7-1			IEC 947-7-1			
<b>UL/CSA</b>	UL/CSA: E179129			UL/CSA: E179129			UL/CSA: E179129			UL/CSA: E179129			
<b>Wire Strip Length</b>	0.47"(12mm)			0.47"(12mm)			0.47"(12mm)			0.47"(12mm)			
<b>Density</b>	60 pcs./ft. (200/m)			60 pcs./ft. (200/m)			60 pcs./ft. (200/m)			60 pcs./ft. (200/m)			
Accessories													
<b>Accessory</b>	<b>Part Number</b>											<b>Pcs/Pkg</b>	
<b>DIN Rail</b>	DN-R35S1 and DN-R35HS1											10	
<b>End Bracket</b>	DN-EB35											50	
<b>End Cover</b>	DN-QEC12-1-2											25	
<b>Jumper</b>	DN-Q2J1210	50	Not Available				Not Available				Not Available		
<b>Marking Tags</b>	DN-QL Series											500	
<b>Angled Support Bracket</b>	DN-ASB1											50	

## Dimensions: DN-Q12-1-2\* Series

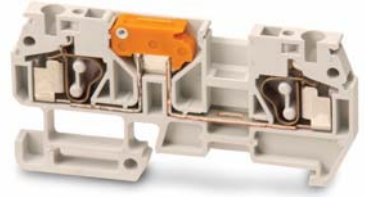


DN-Q12-1-2DR  
(Euro QM2.5/35)

# SCREWLESS KNIFE-BLADE DISCONNECT TERMINAL BLOCKS



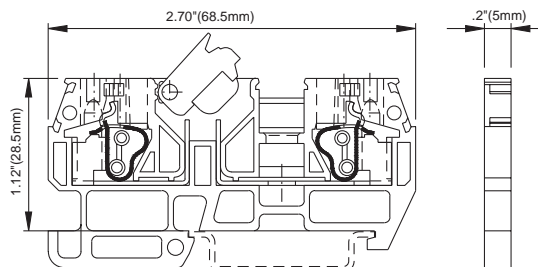
The DN-QKBD12 allows fast circuit disconnection without rewiring. This model provides circuit disconnection capability by means of a pivoting, insulated “knife - blade.”



(Euro QT2.5/35)

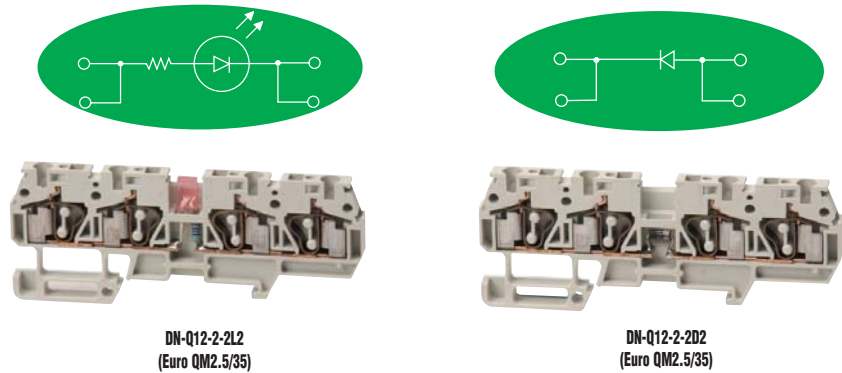
Knife - Blade Disconnect Screwless Terminal Block			
	Part Number		Pcs/Pkg
<b>Gray Terminal Block</b>	<b>DN-QKBD12</b>		25
<b>Description</b>	Knife-blade disconnect screwless terminal block for 24-12 AWG wire		
Specifications			
<b>UL Approval</b>	600V	20A	24-12AWG
<b>CSA Approval</b>	600V	20A	24-12AWG
<b>VDE Approval</b>	630V	24A	2.5mm <sup>2</sup>
<b>CE Conformity</b>	IEC 947-7-3		
<b>UL/CSA</b>	UL/CSA: E179129		
<b>Wire Strip Length</b>	.47" (12mm)		
<b>Density</b>	60 pcs./ft. (200/m)		
Accessories			
Accessory	Part Number		Pcs/Pkg
<b>DIN Rail</b>	<b>DN-R35S1 and DN-R35HS1</b>		10
<b>End Bracket</b>	<b>DN-EB35</b>		50
<b>End Cover</b>	<b>DN-QEC12-1-2</b>		25
<b>Jumper</b>	<b>DN-Q2J1210</b>		50
<b>Marking Tags</b>	<b>DN-QL Series</b>		500
<b>Angled Support Bracket</b>	<b>DN-ASB1</b>		50

## Dimensions: DN-QKBD12



# SCREWLESS TWO-CONNECTION TO TWO-CONNECTION TERMINAL BLOCKS

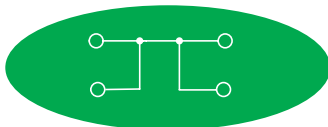
The “two-to-two” version allows multiple wires to be connected together by way of multiple spring-clamps. LED and diode variations are also available in this style.



DN-Q12-2-2L2  
(Euro QM2.5/35)

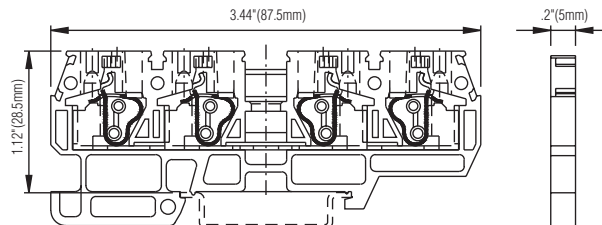
DN-Q12-2-2D2  
(Euro QM2.5/35)

Two-Connection to Two-Connection Common Point Screwless Terminal Blocks									
	Part Number		Pcs/Pkg	Part Number		Pcs/Pkg	Part Number		Pcs/Pkg
Gray Terminal Block	DN-Q12-2-2		25	DN-Q12-2-2L2		10	DN-Q12-2-2D2		10
Blue Terminal Block	DN-Q12B-2-2		25						
Description	Two-connection to two-connection screwless terminal block for 24-12AWG wire			Two-connection to two-connection screwless terminal block for 24-12 AWG wire. 24VAC/DC 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		
Specifications									
UL Approval	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	1A (Diode)	24-12AWG
CSA Approval	600V	20A	24-12AWG	600V	20A	24-12AWG	600V	1A (Diode)	24-12AWG
VDE Approval	630V	24A	2.5mm <sup>2</sup>	630V	24A	2.5mm <sup>2</sup>	630V	1A (Diode)	2.5mm <sup>2</sup>
CE Conformity	IEC 947-7-1			IEC 947-7-1			IEC 947-7-1		
UL/CSA	UL/CSA: E179129			UL/CSA: E179129			UL/CSA: E179129		
Wire Strip Length	0.47" (12mm)			0.47" (12mm)			0.47" (12mm)		
Density	60 pcs./ft. (200/m)			60 pcs./ft. (200/m)			60 pcs./ft. (200/m)		
Accessories									
Accessory	Part Number								Pcs/Pkg
DIN Rail	DN-R35S1 and DN-R35HS1								10
End Bracket	DN-EB35								50
End Cover	DN-QEC12-2-2								25
Jumper, 2 Pole	DN-Q2J1210	50	Not Available				Not Available		
Marking Tags	DN-QL Series								500
Angled Support Bracket	DN-ASB1								50



DN-Q12-2-2  
(Euro QM2.5/35)

## Dimensions DN-Q12-2-2\* Series





# SCREWLESS GROUND TERMINAL BLOCKS



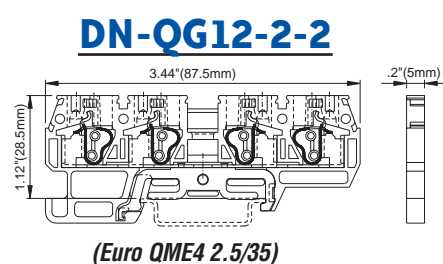
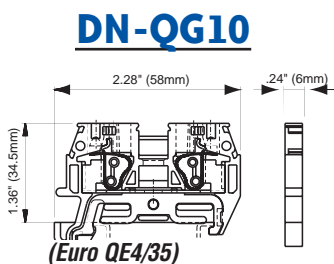
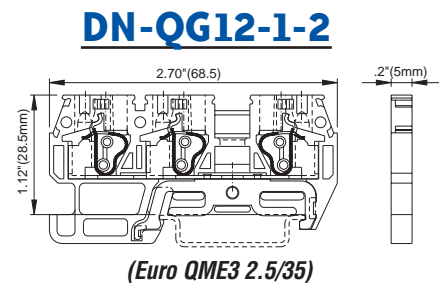
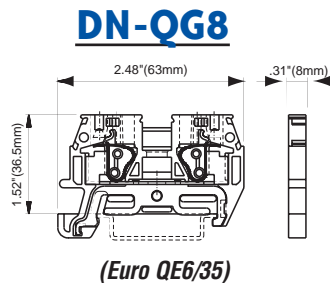
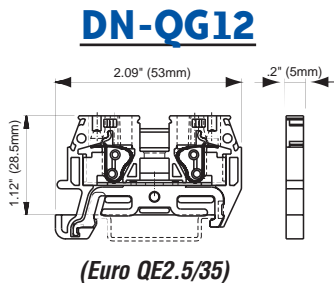
Ground terminal blocks are used to mechanically and electrically connect wires to the DIN rail by means of a conducting clamping foot. In this way, the DIN rail can function as a ground bus bar.

Ground blocks are molded in green and yellow per international standards.



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

Screwless Ground Terminal Blocks										
	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg
<b>Green-Yellow Terminal Block</b>	<b>DN-QG12</b>	10	<b>DN-QG10</b>	10	<b>DN-QG8</b>	10	<b>DN-QG12-1-2</b>	10	<b>DN-QG12-2-2</b>	10
<b>Description</b>	Screwless ground terminal block for 12 AWG wire		Screwless ground terminal block for 10 AWG wire		Screwless ground terminal block for 8 AWG wire		Screwless ground terminal block with 3 connection points for 12 AWG wire		Screwless ground terminal block with 4 connection points for 12 AWG wire	
Specifications										
<b>UL Approval</b>	24-12 AWG		24-10 AWG		22-8 AWG		24-12 AWG		24-12 AWG	
<b>CSA Approval</b>	24-12 AWG		24-10 AWG		22-8 AWG		24-12 AWG		24-12 AWG	
<b>VDE Approval</b>	2.5mm <sup>2</sup>		4mm <sup>2</sup>		6mm <sup>2</sup>		2.5mm <sup>2</sup>		2.5mm <sup>2</sup>	
<b>CE Conformity</b>	IEC 947-7-2		IEC 947-7-2		IEC 947-7-2		IEC 947-7-2		IEC 947-7-2	
<b>UL/CSA</b>	UL/CSA: E179129		UL/CSA: E179129		UL/CSA: E179129		UL/CSA: E179129I		UL/CSA: E179129	
<b>Wire Strip Length</b>	.47" (12mm)		.59" (15mm)		.71" (18mm)		.47" (12mm)		.47" (12mm)	
<b>Density</b>	60 pcs./ft. (200/m)		50 pcs./ft. (166/m)		38 pcs./ft. (125/m)		60 pcs./ft. (200/m)		60 pcs./ft. (200/m)	
Accessories										
<b>Accessory</b>	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg
<b>DIN Rail</b>	<b>DN-R35S1 and DN-R35HS1</b>									10
<b>End Bracket</b>	<b>DN-EB35</b>									50
<b>End Cover</b>	<b>DN-QEC12</b>	50	<b>DN-QEC10</b>	50	<b>DN-QEC8</b>	50	<b>DN-QEC12-1-2</b>	25	<b>DN-QEC12-2-2</b>	25
<b>Jumper, 2 Pole</b>	<b>Not Applicable</b>									
<b>Marking Tags</b>	<b>DN-QL Series</b>									500
<b>Angled Support Bracket</b>	<b>DN-ASB1</b>									50



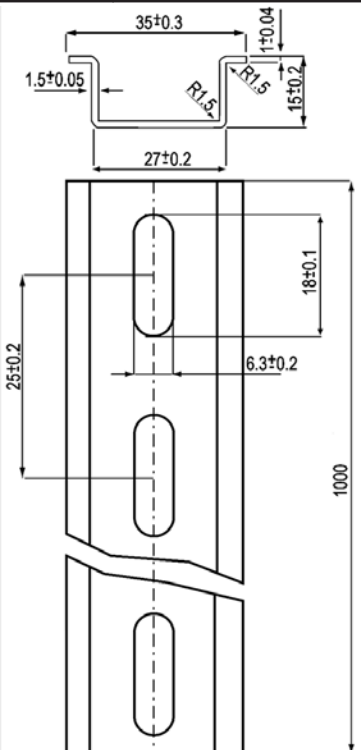
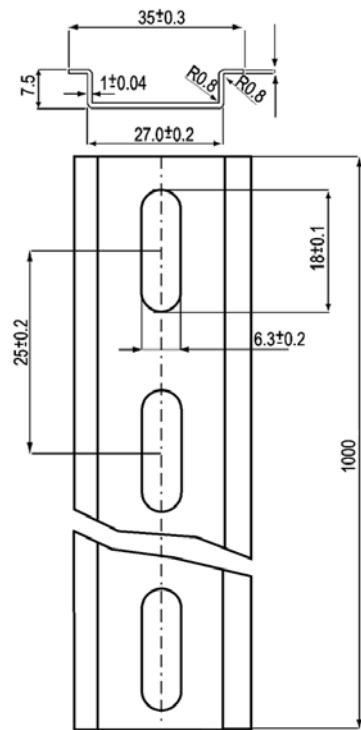
# SCREWLESS TERMINAL BLOCKS – ACCESSORIES

## 35mm wide DIN rail

These quality DIN rails are provided in one-meter lengths and two heights, 7.5mm and 15mm. The 7.5mm-high rails are primarily used to mount terminal blocks, relays, timers and small PLCs such as the DL05, DL06, DL105 and DL205. The 15mm high rails are for mounting larger and heavier components such as contactors and larger PLCs.

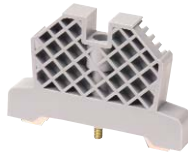
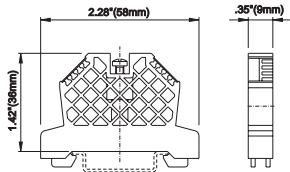


Specifications				
	Part Number	Pcs/Pkg	Part Number	Pcs/Pkg
<b>DIN Rail</b>	<b>DN-R35S1</b>	10	<b>DN-R35HS1</b>	10
<b>Description</b>	Steel, slotted, 3'3" (1m) length, 7.5mm high		Steel, slotted, 3'3" (1m) length, 15mm high	
<b>Plating</b>	Zinc electroplated with yellow chromate passivation		Zinc electroplated with yellow chromate passivation	
<b>International Standards</b>	CENELEC EN 50022, DIN 42677/3		-	
<b>Approximate Ampacity</b>	65 Amps		125 Amps	
<b>Suggested Mounting Screw Size</b>	M6		M6	



# SCREWLESS TERMINAL BLOCKS – ACCESSORIES

## End bracket

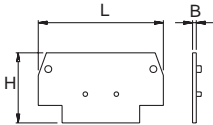


DN-EB35

Part Number	Description	Pcs/Pkg
DN-EB35	End bracket used to mount Dinnectors on 35mm DIN rail	50

## End cover

### DN-QEC Series



DN-QEC Series

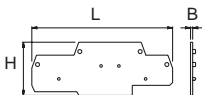


DN-QEC12-1-2



DN-QEC12-2-2

### DN-QDEC Series

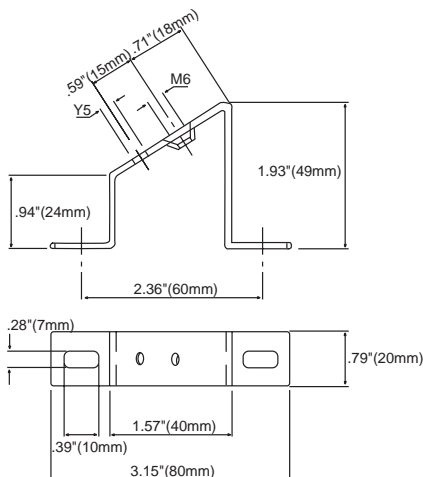


DN-QDEC Series

### End Covers for Screwless Dinnectors

Part Number	Description	Dimensions LxHxB	Pcs/Pkg
DN-QEC12	Grey end cover used with Screwless Feed-through Dinnectors and Screwless Ground Dinnectors	1.97" x .9" x .06" (50mm) x (23mm) x (1.5mm)	50
DN-QEC10	Grey end cover used with Screwless Feed-through Dinnectors and Screwless Ground Dinnectors	2.26" x 1.32" x .06" (57.4mm) x (33.6mm) x (1.5mm)	50
DN-QEC8	Grey end cover used with Screwless Feed-through Dinnectors and Screwless Ground Dinnectors	2.48" x 1.52" x .06" (63mm) x (38.5mm) x (1.5mm)	50
DN-QEC12-1-2	Grey end cover used with Screwless Dinnectors series DN-Q12-1-2	2.70" x 1.12" x .06" (68.5mm) x (28.5mm) x (1.5mm)	25
DN-QEC12-2-2	Grey end cover used with Screwless Dinnectors series DN-Q12-2-2	3.44" x 1.12" x .06" (87.5mm) x (28.5mm) x (1.5mm)	25
DN-QDEC12	Grey end cover used with Double Level Screwless Dinnectors	3.86" x 1.46" x .06" (98mm) x (37mm) x (1.5mm)	25

## Angled support bracket



DN-ASB1

Part Number	Description	Pcs/Pkg
DN-ASB1	Zinc-dichromate plated steel support brackets raise and tilt mounting rails for easier wiring	50

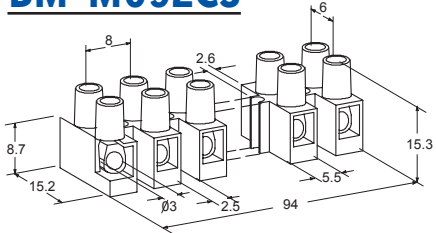
**Note:** Uses M6 metric fixing screw for mounting DIN rail to bracket.



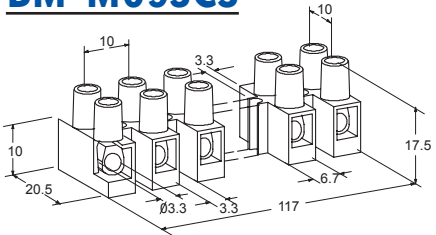
# DIRECT MOUNT TERMINAL BLOCKS

Direct mount terminal blocks do not require the use of a DIN-rail to mount. By utilizing two mounting screws, they can be mounted to any backplane. They are supplied with or without wire protectors and can easily be cut to length with ordinary hand tools.

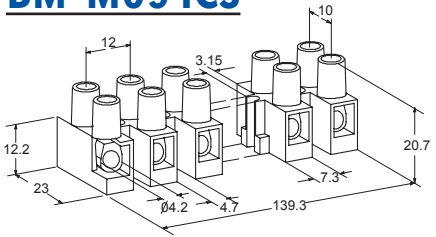
## BM-M092CS



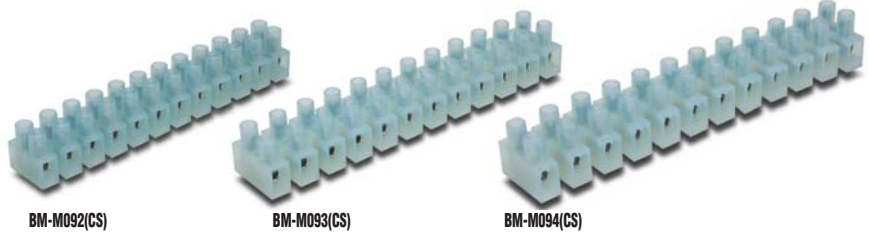
## BM-M093CS



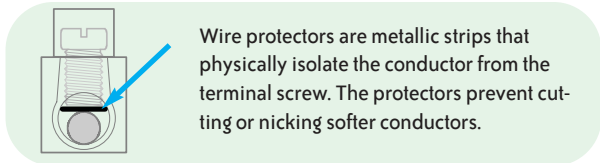
## BM-M094CS



Measurements in mm.



Specifications									
	Part#	Pcs/Pkg	Price/Pkg	Part#	Pcs/Pkg	Price/Pkg	Part#	Pcs/Pkg	Price/Pkg
<b>12 Pole, Without Wire Protector</b>	BM-M092	50	check	BM-M093	50	check	BM-M094	50	check
<b>12 Pole, With Wire Protector</b>	BM-M092CS	50	check	BM-M093CS	50	check	BM-M094CS	50	check
<b>UL Approval, Field Wiring</b>	600V/250V**	10A	20-16 AWG	600V/250V**	20A	18-12 AWG	600V/250V**	30A	18-10 AWG
<b>UL Approval, Factory Wiring</b>	600V/250V**	15A	20-16 AWG	600V/250V**	30A	18-12 AWG	600V/250V**	40A	18-10 AWG
<b>CSA Approval</b>	150V/300V**	20A	18-16 AWG	150V/300V**	30A	18-14 AWG	150V/300V**	30A	18-10 AWG
<b>CE Conformity</b>	CE 93/68/EEC								
<b>Agency File #</b>	UL E70156, CSA LR 44081-9		UL E70156, CSA LR 44081-11			UL E70156, CSA LR 44081-12			
<b>Wire Strip Length</b>	0.39" (10mm)		0.39" (10mm)			0.39" (10mm)			
<b>Tightening Torque</b>	4.4 lb./in.(0.5Nm)		7 lb./in.			7 lb./in.			
<b>* UL Temperature Rating: 105° **Commercial Use</b>									



Wire protectors are metallic strips that physically isolate the conductor from the terminal screw. The protectors prevent cutting or nicking softer conductors.

# DINNECTOR ACCESSORIES

## DIN-rail

### 35mm wide

These quality DIN-rails are provided in one-meter lengths and two heights, 7.5mm and 15mm. The 7.5mm-high rails are primarily used to mount terminal blocks, relays, timers and small PLCs such as the DL05, DL06, DL105 and DL205. The 15mm-high rails are for mounting larger and heavier components such as contactors and larger PLCs.

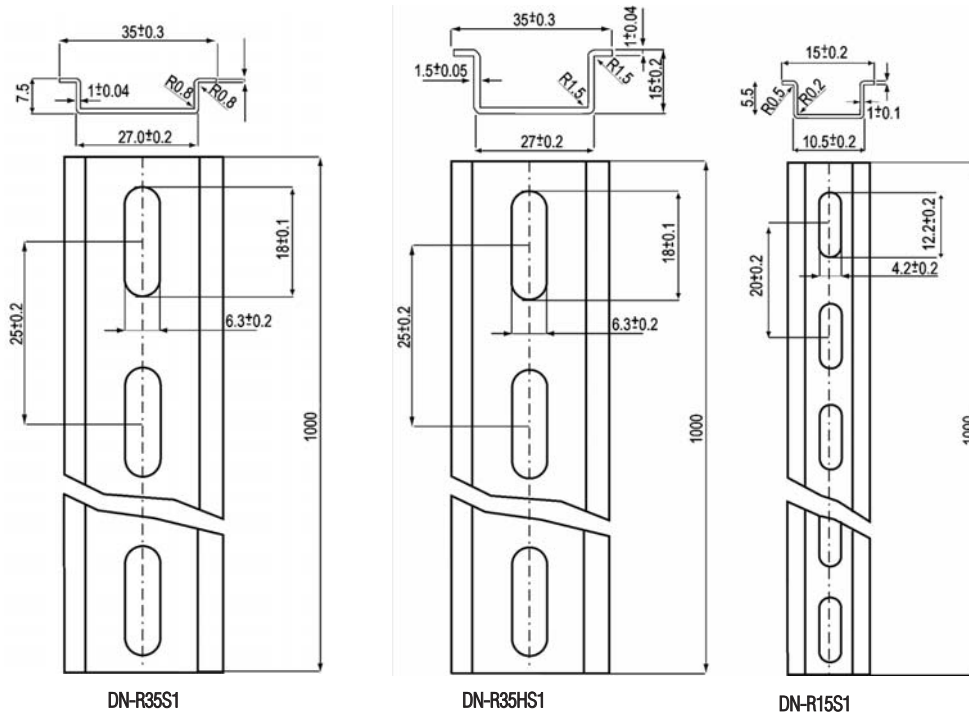


### 15mm wide

The one-meter-long type DN-R15S1 DIN rail is used exclusively for mounting mini terminal blocks such as the DN-M10.

Specifications									
	Part#	Pcs/Pkg	Price/Pkg	Part#	Pcs/Pkg	Price/Pkg	Part#	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	DN-R35S1	10	check	DN-R35HS1	10	check	DN-R15S1	10	check
<b>Description</b>	Steel, slotted, 3'3" (1m) length, 7.5mm high			Steel, slotted, 3'3" (1m) length, 15mm high			Steel, slotted, 3'3" (1m) length, 5.5mm high		
<b>Plating</b>	Zinc electroplated with yellow chromate passivation			Zinc electroplated with yellow chromate passivation			Zinc electroplated with yellow chromate passivation		
<b>International Standards</b>	CENELEC EN 50022, DIN 42677/3			-			CENELEC EN 50022, DIN 42677/3		
<b>Approximate Ampacity</b>	65 Amps			125 Amps			35 Amps		
<b>Suggested Mounting Screw Size</b>	M6			M6			M4		

### Measurements (Dimensions in mm)



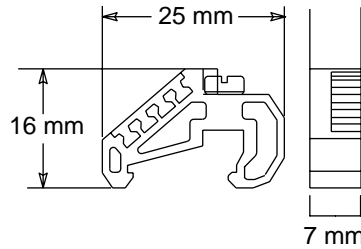
# DINNECTORS ACCESSORIES

## End brackets

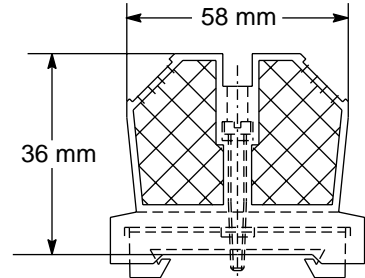
The DN-EB15 is the end bracket for 15mm DIN rail. The DN-EB35 is the end bracket designed to mount on 35mm DIN rail.

Part#	Pcs/Pkg	Price Each
DN-EB15	100	check
DN-EB15MN	20	check
DN-EB35	50	check
DN-EB35MN	20	check

### DN-EB15



### DN-EB35



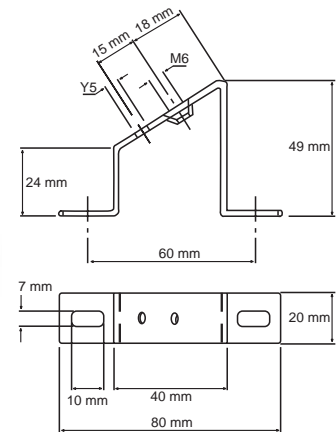
## Angled support bracket

DN-ASB1 zinc-dichromate plated steel support brackets raise and tilt mounting rails for easier wiring.

Part#	Pcs/Pkg	Price Each
DN-ASB1	50	check

*\*Uses M6 metric fixing screw for mounting DIN rail to bracket*

### DN-ASB1



## Marking accessories

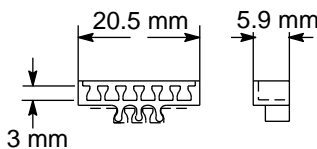
### DN-MTA



DN-MT A marking tag adapter

Description	Part#	Pcs/Pkg	Price Each
Marking tag adapter holds up to six DN-LT tags	DN-MTA	50	check

#### DN-MTA dimensions



### DN-MP



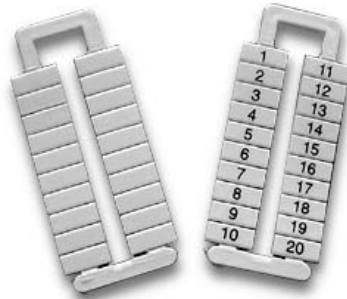
Marking pen

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

# MARKING ACCESSORIES



DN-LB (blank) shown above



DN-LAB (blank) shown on left; part of DN-LA100 on right



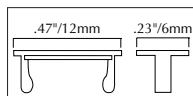
DN-LTA marker shown top; DN-LT60 marker shown middle; DN-LTGND shown bottom

## DN-L

**Fits terminal block types:** All except DN-T12(B), DN-M10(B), DN-MG and DN-TL series

**Material:** Thermoplastic with heat embossed black print

**Dimensions**



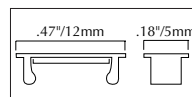
- \*\*Note:**
1. The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500 tags.
  2. The DN-L tags fit all DINnectors 6mm wide and wider.

## DN-LA

**Fits terminal block types:** DN-T12 series

**Material:** Thermoplastic with heat embossed black print

**Dimensions**



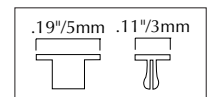
- \*\*Note:**
1. The marking sequence (i.e. 1-100) is printed five times in each package of 500 tags.
  2. The DN-T12 series is 5mm wide, so the 6mm wide DN-L tags do not fit these blocks.
  3. The DN-LA tags fit all DINnectors 5mm wide and wider but will leave a gap between terminals on blocks wider than 5mm.

## DN-LT

**Fits terminal block types:** All\*\*

**Material:** Thermoplastic with heat embossed black print

**Dimensions**



- \*\*Note:**
1. These marking tags allow the flexibility of creating custom marking sequences on site.
  2. The DN-M10B and the DN-M10 support a maximum of three digits (tags), while other DINnectors support up to four digits (tags).

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

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

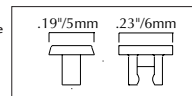
Marking Sequence	Part#	Pcs/Pkg	Price/Pkg
1-5	DN-LT15	100	check
6-0	DN-LT60	100	check
1	DN-LT1	100	check
2	DN-LT2	100	check
3	DN-LT3	100	check
4	DN-LT4	100	check
5	DN-LT5	100	check
6	DN-LT6	100	check
7	DN-LT7	100	check
8	DN-LT8	100	check
9	DN-LT9	100	check
0	DN-LT0	100	check
Unprinted	DN-LTBLNK	100	check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

## DN-LAT

**Fits terminal block types:** Triple level

**Material:** Thermoplastic with heat embossed black print

**Dimensions**



- \*\*Note:**
1. The marking sequence (i.e. 1-100) is printed five times in each package of 500 tags.

Marking Sequence	Part#	Pcs/Pkg	Price/Pkg
1-100	DN-LAT100	500	check
101-200	DN-LAT200	500	check
201-300	DN-LAT300	500	check
301-400	DN-LAT400	500	check
Blank Tags	DN-LATB	500	check
L1, L2, L3, L, N, GND, +, -, COM, COM*	DN-LATS	500	check

CONNECTION



# WIRING ACCESSORIES

## Screwdrivers

Finally, a screwdriver made to comfortably fit the human hand! Our ergonomically designed, insulated slot head and Phillips screwdrivers are made from high quality heat-treated chrome vanadium steel with a black oxide coating on the tips for maximum corrosion protection. The screwdrivers are colored red for safety purposes and the one-piece blade insulation, which is integrally molded with the handle, also offers an extra measure of safety. You'll love the feel and the power of these durable tools.



## Wire cutter/stripping tool

If you want to improve the speed, precision, and quality of your PLC or DINnectors wiring jobs, you'll want to order at least one of these fabulous self-adjusting wire cutter/stripping tools! This tool is suited for cutting/stripping PVC insulated round, oval or flat cables from 34-8AWG without damaging the solid or stranded conductors. Its lightweight, ergonomic, soft rubber inlay, ergonomic handles are molded from super rugged glass-reinforced nylon, while the integral wire cutter and the replaceable blades are manufactured from high-grade hardened steel. With a higher mechanical advantage than any other competing tool, this wire stripper is the easiest on the installer's muscles!



Screwdriver Specifications			
Part #	Description/Dimensions (Dimensions in mm: tip thickness x tip width x blade length)	Pcs/Pkg	Price Each
DN-SS1	Insulated slotted screwdriver 0.4x2.5x75mm	1	check
DN-SS3	Insulated slotted screwdriver 0.5x3.5x100mm	1	check
DN-SS4	Insulated slotted screwdriver 0.8x4x100mm	1	check
DN-SS5	Insulated slotted screwdriver 1x5.5x125mm	1	check
DN-SP1	Insulated Phillips screwdriver #1x80mm	1	check
DN-SP2	Insulated Phillips screwdriver #2x100mm	1	check

Screwdriver Application Guide							
DINnectors & PLC Terminals	Slotted Screwdrivers				Phillips Screwdrivers		Hex Head
	DN-SS1	DN-SS3	DN-SS4	DN-SS5	DN-SP1	DN-SP2	
DN-D10		X					
DN-D10DR		X					
DN-D10L110		X					
DN-D10L24		X					
DN-D10LED1		X					
DN-D10X		X					
DN-DIS10			X				
DN-F6			X				
DN-F6L24			X				
DN-F6L110			X				
DN-F6L220			X				
DN-F10		X					
DN-F10L24		X					
DN-F10L110		X					
DN-F10L220		X					
DN-FM6			X				
DN-FM6-CC			X				
DN-FM6L			X				
DN-FM6L-CC			X				
DN-G1/0				X			
DN-G4				X			
DN-G6			X				
DN-G8			X				
DN-G10		X					
DN-KBD12	X						
DN-M10		X					
DN-M10B		X					
DN-MG10		X					
DN-T1/0				X			
DN-T1/0B				X			
DN-T3/0							X
DN-T3/0B							X
DN-T4				X			
DN-T4B				X			
DN-T6			X				
DN-T6B			X				
DN-T8			X				
DN-T8B			X				
DN-T10		X					
DN-T10B		X					
DN-T12	X						
DN-T12B	X						
DN-TL14	X						
DN-TL14S	X						
DN-TL14SLP	X						
DN-TL14SLN	X						
D2-8IOCON					X		
D2-16IOCON	X						
D3-16IOCON					X		
D4-16IOCON						X	

Wire Stripper Specifications			
Part #	Description	Pcs/Pkg	Price Each
DN-WS	Wire and cable, cut and strip tool, 28-10AWG	1	check
DN-WSJ	Replacement stripping jaws cartridge for DN-WS	1	check

# WIRING ACCESSORIES

## Insulated ferrules

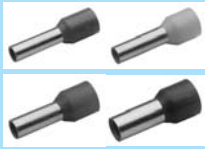
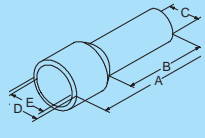

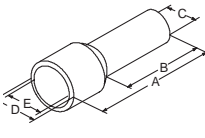
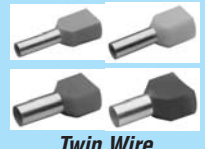
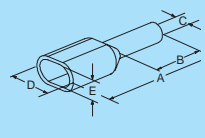

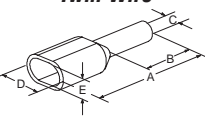
Ferrules are cylindrically-shaped copper tubes crimped to the ends of stranded wire to create a secure, reliable connection. They are primarily used to consolidate wire strands for the purpose of eliminating wire fraying and resulting shorts, as well as for allowing easier insertion and removal of wires from terminal blocks or other termination devices, especially in areas of confined space or when using small wires. Ferrules also create a reliable connection by ensuring that each wire strand conducts current. Two-wire ferrules allow two individual stranded conductors to be connected to the same termination, which can be especially useful in jumpering applications. Our ferrules are made from electrolytically tin-plated copper (99.9%) with either standard or DIN color polypropolyne insulation rated to 105°C. When selecting ferrules for use with *DINnectors*, choose the longest length version where available.

**Note:** See PLC Compatibility Chart.

### Ferrule crimping tools

Our industrial quality ferrule crimping tools crimp insulated and uninsulated single or two wire ferrules. They are manufactured from pressed steel with plastic insulated handles, and feature a controlled cycle ratcheting mechanism to guarantee uniform quality in every crimp.

Ferrule Crimping Tools			
Part #	Description	Pcs/Pkg	Price/Pkg
BM-537	Crimping tool, 22-12 AWG for ferrules 0.5-4mm <sup>2</sup>	1	check
BM-539	Crimping tool, 10-6 AWG, for ferrules 6-16mm <sup>2</sup>	1	check
BM-533	Crimping tool, 8-2 AWG, for ferrules 6-16mm <sup>2</sup>	1	check
BM-534	Crimping tool, 22-10 AWG, for ring, spade, and disconnect terminals	1	check
BM-5345	Crimping tool kit; includes crimping tool, case, and 4 dies for ferrules, ring, fork, and disconnect terminals.	1	check

	Part #	Color	AWG (mm <sup>2</sup> )	Pcs/Pkg	Price/Pkg	Dimensions (mm)				
						A	B	C	D	E
<b>Standard Color Single Wire</b>  	BM-00501	Orange	22 (.5)	500	check	14	8	1	3.1	2.6
	BM-00502	White	20 (.75)	500	check	14	8	1.2	3.3	2.8
	BM-00503	Yellow	18 (1)	500	check	14	8	1.4	3.5	3
	BM-00504	Red	16 (1.5)	500	check	14	8	1.7	4	3.5
	BM-005041	Red	16 (1.5)	500	check	16	10	1.7	4	3.5
	BM-00506	Blue	14 (2.5)	250	check	14	8	2.2	4.7	4.2
	BM-005061	Blue	14 (2.5)	250	check	18	12	2.2	4.7	4.2
	BM-00508	Gray	12 (4)	200	check	17	10	2.8	5.4	4.8
	BM-005081	Gray	12 (4)	200	check	20	12	2.8	5.4	4.8
	BM-00510	Black	10 (6)	100	check	20	12	3.5	6.9	6.3
	BM-00511	Black	10 (6)	100	check	26	18	3.5	6.9	6.3
	BM-00512	Ivory	8 (10)	50	check	22	12	4.5	8.4	7.6
	BM-00513	Ivory	8 (10)	50	check	28	18	4.5	8.4	7.6
	BM-00514	Green	6 (16)	50	check	24	12	5.8	9.6	8.8
	BM-00515	Green	6 (16)	50	check	28	18	5.8	9.6	8.8
	BM-00516	Brown	4 (25)	100	check	30	16	7.3	12	11.2
	BM-00517	Beige	2 (35)	100	check	30	16	8.3	13.5	12.7
	BM-00518	Olive	1 (50)	100	check	36	20	10.3	16	15
<b>DIN 46228/4-Color Single Wire</b>  	BM-00601	White	22 (.5)	500	check	14	8	1	3.1	2.6
	BM-00602	Grey	20 (.75)	500	check	14	8	1.2	3.3	2.8
	BM-00603	Red	18 (1)	500	check	14	8	1.4	3.5	3
	BM-00604	Black	16 (1.5)	500	check	14	8	1.7	4	3.5
	BM-006041	Black	16 (1.5)	500	check	16	10	1.7	4	3.5
	BM-00506	Blue	14 (2.5)	250	check	14	8	2.2	4.7	4.2
	BM-005061	Blue	14 (2.5)	250	check	18	12	2.2	4.7	4.2
	BM-00508	Gray	12 (4)	200	check	17	10	2.8	5.4	4.8
	BM-005081	Gray	12 (4)	200	check	20	12	2.8	5.4	4.8
	BM-00610	Yellow	10 (6)	100	check	20	12	3.5	6.9	6.3
	BM-00611	Yellow	10 (6)	100	check	26	18	3.5	6.9	6.3
	BM-00612	Red	8 (10)	50	check	22	12	4.5	8.4	7.6
	BM-00613	Red	8 (10)	50	check	28	18	4.5	8.4	7.6
	BM-00614	Blue	6 (16)	50	check	24	12	5.8	9.6	8.8
	BM-00615	Blue	6 (16)	50	check	28	18	5.8	9.6	8.8
	BM-00616	Yellow	4 (25)	100	check	30	16	7.3	12	11.2
	BM-00617	Red	2 (35)	100	check	30	16	8.3	13.5	12.7
	BM-00618	Blue	1 (50)	100	check	36	20	10.3	16	15
<b>Standard Color Twin Wire</b>  	BM-00551	Orange	2x22 (.5)	200	check	15	8	1.4	4.7	2.5
	BM-00552	White	2x20 (.75)	200	check	15	8	1.7	5	2.8
	BM-00553	White	2x20 (.75)	200	check	17	10	1.7	5	2.8
	BM-00554	Yellow	2x18 (1)	200	check	15	8	1.95	5.4	3.4
	BM-00555	Yellow	2x18 (1)	200	check	17	10	1.95	5.4	3.4
	BM-00556	Red	2x16 (1.5)	200	check	16	8	2.2	6.6	3.6
	BM-00557	Red	2x16 (1.5)	200	check	20	12	2.2	6.6	3.6
	BM-00558	Blue	2x14 (2.5)	100	check	18.5	10	2.8	7.8	4.2
	BM-00559	Blue	2x14 (2.5)	100	check	21.5	13	2.8	7.8	4.2
	BM-00560	Grey	2x12 (4)	100	check	23	12	3.7	8.8	4.9
	BM-00561	Black	2x10 (6)	50	check	26	14	4.8	10	6.9
	BM-00562	Ivory	2x8 (10)	100	check	26	14	6.4	13	7.2
	BM-00563	Green	2x6 (16)	50	check	30	14	8.2	18.4	9.6
<b>DIN 46228/4-Color Twin Wire</b>  	BM-00651	White	2x22 (.5)	200	check	15	8	1.4	4.7	2.5
	BM-00652	Grey	2x20 (.75)	200	check	15	8	1.7	5	2.8
	BM-00653	Grey	2x20 (.75)	200	check	17	10	1.7	5	2.8
	BM-00654	Red	2x18 (1)	200	check	15	8	1.95	5.4	3.4
	BM-00655	Red	2x18 (1)	200	check	17	10	1.95	5.4	3.4
	BM-00656	Black	2x16 (1.5)	200	check	16	8	2.2	6.6	3.6
	BM-00657	Black	2x16 (1.5)	200	check	20	12	2.2	6.6	3.6
	BM-00558	Blue	2x14 (2.5)	100	check	18.5	10	2.8	7.8	4.2
	BM-00559	Blue	2x14 (2.5)	100	check	21.5	13	2.8	7.8	4.2
	BM-00560	Grey	2x12 (4)	100	check	23	12	3.7	8.8	4.9
BM-00661	Yellow	2x10 (6)	50	check	26	14	4.8	10	6.9	
BM-00662	Red	2x8 (10)	100	check	26	14	6.4	13	7.2	
BM-00663	Blue	2x6 (16)	50	check	30	14	8.2	18.4	9.6	





# CRIMPING TERMINALS

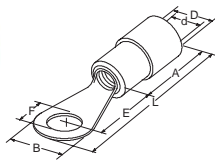
Our PVC insulated crimping terminals are manufactured using high quality electrolytically tin plated (99.9%) copper, and are rated up to 105°C. Our ring and fork terminals feature a special easy entry wire guide design to speed and ease wiring.

## Crimping tools

Our industrial quality crimping tools crimp insulated and uninsulated crimping terminals. They are manufactured from pressed steel with plastic insulated handles, and feature a controlled cycle ratcheting mechanism to guarantee uniform quality in every crimp. The

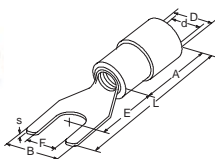
crimping force can be regulated using the adjustable eccentric cam. The crimping terminals are loaded into the side of the tool for maximum operator ease.

## Ring terminals



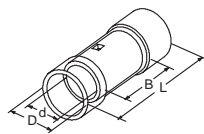
PVC Ring Terminal Specifications														
Part # (BM-)	AWG	Color	Bolt Hole Size	Pcs/Pkg	Price/Pkg	Screw Dia. (mm)	Dimensions (mm)							
							F	B	A	E	L	d	D	s
BM-00119	22-16	Red	#6-8	100	check	4	4.2	8.0	10.4	7.5	22.0	1.95	4.2	0.8
BM-00125	22-16	Red	#10	100	check	5	5.2	8.0	10.4	8.0	22.4	1.95	4.2	0.8
BM-00219	16-14	Blue	#6-8	100	check	4	4.2	8.0	11.0	8.0	23.0	2.45	4.8	0.8
BM-00225	16-14	Blue	#10	100	check	5	5.2	9.0	11.0	7.5	23.6	2.5	4.8	0.8
BM-00319	12-10	Yellow	#6-8	50	check	4	4.2	8.0	14.0	8.4	26.5	3.5	6.6	1.0
BM-00325	12-10	Yellow	#10	50	check	5	5.2	10.0	14.0	8.5	27.5	3.5	6.6	1.0

## Fork terminals



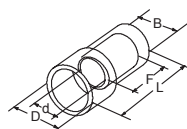
PVC Fork Terminal Specifications														
Part #	AWG	Color	Bolt Hole Size	Pcs/Pkg	Price/Pkg	Screw Dia. (mm)	Dimensions (mm)							
							F	B	A	E	L	d	D	s
BM-00120	22-16	Red	#6-8	100	check	4.0	4.2	6.4	10.4	6.3	20.9	1.95	4.2	0.8
BM-00126	22-16	Red	#10	100	check	5.0	5.2	8.0	10.4	8.0	21.2	1.95	4.2	0.8
BM-00220	16-14	Blue	#6-8	100	check	4.0	4.2	6.6	11.0	5.3	20.3	2.45	4.8	0.8
BM-00226	16-14	Blue	#10	100	check	5.0	5.2	9.1	11.0	9.5	25.0	2.45	4.8	0.8
BM-00320	12-10	Yellow	#6-8	50	check	4.0	4.2	8.1	14.0	7.2	26.0	3.50	6.6	1.0
BM-00326	12-10	Yellow	#10	50	check	5.0	5.2	9.0	14.0	10.5	28.5	3.50	6.6	1.0

## Butt connectors



PVC Butt Connector Specifications								
Part #	AWG	Color	Pcs/Pkg	Price/Pkg	Dimensions (mm)			
					B	L	d	D
BM-00160	22-16	Red	100	check	15.0	26	1.8	4.2
BM-00260	16-14	Blue	100	check	15.0	26	2.5	4.8
BM-00360	12-10	Yellow	50	check	15.0	27	3.7	6.5

## End connectors



Nylon End Connector Specifications									
Part #	AWG	Color	Pcs/Pkg	Price/Pkg	Dimensions (mm)				
					B	F	L	d	D
BM-00170	22-16	Clear	100	check	5.6	6.8	15.2	2.6	6.2
BM-00270	16-14	Clear	100	check	5.9	7.0	15.2	3.2	6.5
BM-00370	12-10	Clear	50	check	7.3	8.5	17.8	4.0	9.4



# CRIMPING TERMINALS CROSS REFERENCE

## Please note:

We no longer offer ring terminals, fork terminals or butt connectors in Nylon material. Please refer to the following tables for the new product in PVC material. (The old part number had an “8” as the first digit after the dash.)

PVC Ring Terminals	
PVC	Description
BM-00119	Ring terminals PVC insulated 22-16 - #8 Red. 100 pcs/pkg
BM-00125	Ring terminals PVC insulated 22-16 - #10 Red. 100 pcs/pkg
BM-00219	Ring terminals PVC insulated 16-14 - #8 Blue. 100 pcs/pkg
BM-00225	Ring terminals PVC insulated 16-14 - #10 Blue. 100 pcs/pkg
BM-00319	Ring terminals PVC insulated 12-10 - #8 Yellow. 50 pcs/pkg
BM-00325	Ring terminals PVC insulated 12-10 - #10 Yellow. 50 pcs/pkg

PVC Fork Terminals	
PVC	Description
BM-00120	Fork terminals PVC insulated 22-16 - #8 Red. 100 pcs/pkg
BM-00126	Fork terminals PVC insulated 22-16 - #10 Red. 100 pcs/pkg
BM-00220	Fork terminals PVC insulated 16-14 - #8 Blue. 100 pcs/pkg
BM-00226	Fork terminals PVC insulated 16-14 - #10 Blue. 100 pcs/pkg
BM-00320	Fork terminals PVC insulated 12-10 - #8 Yellow. 50 pcs/pkg
BM-00326	Fork terminals PVC insulated 12-10 - #10 Yellow. 50 pcs/pkg

PVC Connectors	
PVC	Description
BM-00160	Butt connector PVC Insulated 16-14 - Blue. 100 pcs/pkg
BM-00260	Butt connector PVC Insulated 16-14 - Blue. 100 pcs/pkg
BM-00360	Butt connector PVC Insulated 16-14 - Blue. 50 pcs/pkg



## Ferrule - wire size chart for DirectLogic PLCs

Ferrule - Wire Size Chart for DirectLogic PLC's						
	AWG	20	18	16	14	12
Terminal Block	<b>Ferrule Part#</b>	<b>BM-00502</b>	<b>BM-00503</b>	<b>BM-00504</b>	<b>BM00506</b>	<b>BM-00508</b>
	<b>Crimping Tool</b>	<b>BM-537</b>	<b>BM-537</b>	<b>BM-537</b>	<b>BM-537</b>	<b>BM-537</b>
	DL05	Y	N	N	N	N
	DL06	Y	Y	N	N	N
	DL105	Y	Y	N	N	N
	205 8 pt	Y	Y	Y	N	N
	205 16 pt	Y	Y	N	N	N
	305 8 pt	Y	Y	Y	Y	N
	305 16 pt	Y	Y*	N	N	N
	405 8 pt	Y	Y	Y	Y	N
	405 16 pt	Y	Y	Y	Y	N
	Terminator I/O screwless**	Y	Y	Y	Y	N
	Terminator I/O screw	Y	Y	Y	Y	N

\*Note: Y for D3 Series; N for F3 series

\*\*Orient ferrule with crimp flat side facing outward from terminal block to prevent pop-out.

# WIRING KITS

Kit	Description	Price
BM-5345	CONTENTS: Crimping tool, case, and 5 dies for insulated or non-insulated 22-12AWG ferrules, 10-6AWG ring, fork, butt and end terminals, and 22-10 AWG disconnect terminals	check
BM-80409	CONTENTS: PVC Ring, fork and butt connector assortment kit with crimping tool	check
BM-80418	CONTENTS: Insulated ferrule assortment kit with crimping tool	check

## BM-5345 Crimping tool kit with dies



BM-80418 Contents	
Part #	Quantity
BM-00501	50
BM-00502	50
BM-00503	50
BM-00504	50
BM-005401	50
BM-00506	50
BM-005061	50
BM-00508	50
BM-005081	50
BM-5341	1

## BM-80409 PVC ring, fork, butt terminal kit



BM-80409 Contents	
Part #	Quantity
BM-00119	25
BM-00125	25
BM-00120	25
BM-00126	25
BM-00160	25
BM-00170	25
BM-00225	25
BM-00220	25
BM-00226	25
BM-00260	25
BM-00319	25
BM-00325	25
BM-00326	25
BM-00360	25
BM-00270	25
BM-00370	25
BM-534	1



# MULTIPLE WIRE COMBINATIONS

The following table shows the possible multiple wire combinations for stranded copper conductors of the same cross section:

Multiple Wire Connection Combinations																	
		Wire Size AWG (mm <sup>2</sup> )															
		#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
		(.5)	(.75)	(1)	(1.5)	(2.5)	(4)	(6)	(10)	(16)	(25)	(35)	(50)	(50)	(70)	(80)	
Part Number	UL Rating	Number of the Same Size Wires Per Terminal Block															
<b>DN-D10</b>	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-D10DR</b>	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-D10L110</b>	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-D10L24</b>	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-D10LED1</b>	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-D10X</b>	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-DIS10</b>	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	-
<b>DN-F10</b>	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	-
<b>DN-F10L110</b>	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	-
<b>DN-F10L220</b>	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	-
<b>DN-F10L24</b>	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	-
<b>DN-F6</b>	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	-
<b>DN-F6L110</b>	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	-
<b>DN-F6L220</b>	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	-
<b>DN-F6L24</b>	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	-
<b>DN-FM6</b>	14-6	-	-	-	-	-	2	2	1	1	1	-	-	-	-	-	-
<b>DN-FM6L</b>	14-6	-	-	-	-	-	2	2	1	1	1	-	-	-	-	-	-
<b>DN-G1/0</b>	14-2	-	-	-	-	-	3	2	2	2	1	1	1	1	1	-	-
<b>DN-G10</b>	24-10	4	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-G4</b>	14-4	-	-	-	-	-	4	3	2	2	1	1	-	-	-	-	-
<b>DN-G6</b>	20-8	-	-	4	4	3	2	2	1	1	-	-	-	-	-	-	-
<b>DN-G8</b>	22-8	-	4	4	4	3	2	2	1	1	-	-	-	-	-	-	-
<b>DN-KBD12</b>	22-12	-	3	3	2	2	1	1	-	-	-	-	-	-	-	-	-
<b>DN-M10</b>	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	-
<b>DN-MG10</b>	18-10	-	-	-	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-T1/0</b>	14-1/0	-	-	-	-	-	3	2	2	2	1	1	1	1	1	-	-
<b>DN-T10</b>	24-10	4	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-
<b>DN-T12</b>	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
<b>DN-T3/0</b>	4-3/0	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
<b>DN-T4</b>	14-4	-	-	-	-	-	4	3	2	2	1	1	-	-	-	-	-
<b>DN-T6</b>	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	-
<b>DN-T8</b>	22-8	-	4	4	4	3	2	2	1	1	-	-	-	-	-	-	-
<b>DN-TL14</b>	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	-
<b>DN-TL14S</b>	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	-
<b>DN-TL14SLP</b>	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	-
<b>DN-TL14SLN</b>	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	-



# DINNECTORS CROSS REFERENCE

## Allen-Bradley®

The following is a list of comparable but overpriced competitor products. To obtain our high-quality *DINnectors*, simply find the corresponding part number of the unit you currently use. These are approximate replacements based on UL wire size, ampacity and voltage. Please consult the technical section for specifications to determine suitability for your application. Physical size varies from manufacturer to manufacturer.

A-B	DINnectors
1492-CA1	DN-T8
1492-CA1B	DN-T8B
1492-CA1L	DN-T8
1492-CA1LB	DN-T8B
1492-CA2	DN-T8
1492-CA2B	DN-T8B
1492-CAM1	DN-T8
1492-CAM1B	DN-T8B
1492-CAM1L	DN-T8
1492-CAM1LB	DN-T8B
1492-CAM2	DN-T8
1492-CAM2B	DN-T8B
1492-CD2	DN-T4
1492-CD2B	DN-T4B
1492-CE2	DN-T1/0
1492-CE2B	DN-T1/0B
1492-CJ14-2	DN-2J1/0
1492-CJ14-3	DN-3J1/0
1492-CJ6-2	DN-2J12
1492-CJ6-3	DN-3J12
1492-CJ7-2	DN-2J10
1492-CJ7-3	DN-3J10
1492-CJ8-2	DN-2J8
1492-CJ8-3	DN-3J8
1492-CJD6-2	DN-2JM10
1492-CJD6-3	DN-3JM10
1492-DR3	DN-R15S1
1492-EA15	DN-EB15
1492-EA35	DN-EB35
1492-EB10	DN-EC86
1492-EB16	DN-EC4
1492-EB3	DN-EC1210
1492-EB35	DN-EC1/0
1492-EB4P	DN-ECF
1492-EB6	DN-EC1210
1492-EBD3	DN-DEC10
1492-EBM3	DN-ECM10
1492-EBM4	DN-ECM10
1492-EBTF3	DN-EC14
1492-EBTS3	DN-EC14S
1492-EWP14-4	DN-C1/0
1492-EWP6-4	DN-C12 and DN-DC10
1492-EWP7-4	DN-C10
1492-EWP8-4	DN-C86
1492-F1	DN-T12
1492-F1B	DN-T12B

A-B	DINnectors
1492-F2	DN-T12
1492-F2B	DN-T12B
1492-H1	DN-T12
1492-H1B	DN-T12B
1492-H2	DN-D10
1492-H2B	DN-D10B
1492-H4	DN-F6110 and DN-F6L220
1492-H5	DN-F6L24
1492-H6	DN-F6
1492-H7	DN-DIS10
1492-HM1	DN-T12
1492-HM1B	DN-T12B
1492-HM2	DN-D10
1492-HM2B	DN-D10B
1492-HM2V24	DN-D10LED1
1492-N13	DN-2J12
1492-N16	DN-EC86 and DN-EC4
1492-N17	DN-EC1/0
1492-N18	DN-EC1210
1492-N21	DN-2J1/0
1492-N24	DN-100J12
1492-N25	DN-ASB
1492-N3	DN-2J8
1492-N30	DN-70J8
1492-N36	DN-EC1210
1492-N39	DN-82JM10
1492-N40	DN-DEC10
1492-N42	DN-2J12 and DN-2JM10
1492-NM16	DN-EC86
1492-NM36	DN-EC1210
1492-NM40	DN-DEC10
1492-PP10	DN-S86
1492-PP16	DN-C4
1492-PP3	DN-S1210
1492-PP6	DN-S1210
1492-SM5x5	DN-LAB
1492-TA40	DN-TPB
1492-W10	DN-T8
1492-W10-B	DN-T8B
1492-W16	DN-T4
1492-W3	DN-T12
1492-W3-B	DN-T12B
1492-W3-BL	DN-T12BLK
1492-W3-G	DN-T12GRN
1492-W3-OR	DN-T12ORG
1492-W3-RE	DN-T12RED

A-B	DINnectors
1492-W3-Y	DN-T12YEL
1492-W35	DN-T1/0
1492-W4	DN-T10
1492-W4-B	DN-T10B
1492-W4-BL	DN-T10BLK
1492-W4-G	DN-T10GRN
1492-W4-OR	DN-T10ORG
1492-W4-RE	DN-T10RED
1492-W4-Y	DN-T10YEL
1492-W4P	DN-F10, DN-F10L24, DN-F10L110, and DN-F10L220
1492-W6	DN-T10
1492-W6-BL	DN-T10BLK
1492-W6-G	DN-T10GRN
1492-W6-OR	DN-T10ORG
1492-W6-RE	DN-T10RED
1492-W6-Y	DN-T10YEL
1492-W70	DN-T3/0
1492-WD3	DN-D10
1492-WD3-B	DN-D10B
1492-WD4	DN-D10
1492-WD4-B	DN-D10B
1492-WD4-BL	DN-D10BLK
1492-WD4-G	DN-D10GRN
1492-WD4-OR	DN-D10ORG
1492-WD4-RE	DN-D10RED
1492-WD4-Y	DN-D10YEL
1492-WD4C	DN-D10X
1492-WD4DF	DN-D10DF
1492-WD4DR	DN-D10DR
1492-WG10	DN-G6
1492-WG16	DN-G4
1492-WG35	DN-G1/0
1492-WG4	DN-G10
1492-WG6	DN-G8
1492-WKD3	DN-KBD12
1492-WM3	DN-M10
1492-WM3-B	DN-M10B
1492-WM4	DN-M10
1492-WM4-B	DN-M10B
1492-WMG-3	DN-MG10
1492-WTF3	DN-TL14
1492-WTS3	DN-TL14S
1492-WTS3LP	DN-TL14SLP
1492-WTS3LN	DN-TL14SLN
199-DR1	DN-R35S1

# DINNECTORS CROSS REFERENCE

## Entelec®

The following is a list of comparable but overpriced competitor products. To obtain our high-quality DINnectors, simply find the corresponding part number of the unit you currently use. These are approximate replacements based on UL wire size, ampacity and voltage: please consult the technical section for specifications to determine suitability for your application. Physical size varies from manufacturer to manufacturer.

Entelec	DINnectors
007 865.26	DN-TPB
008 521.26	DN-ASB
103 002.26	DN-EB35
105 001.27	DN-T10GRN
105 002.20	DN-T10ORG
105 004.22	DN-T8ORG
105 504.15	DN-KBD12
105 031.14	DN-T10BLK
105 032.15	DN-T10RED
105 044.21	DN-D10GRN
105 045.22	DN-D10YEL
105 047.24	DN-D10BLK
105 048.05	DN-D10RED
105 049.06	DN-D10ORG
105 116.16	DN-T10YEL
105 118.20	DN-T8YEL
105 128.22	DN-T8GRN
110 491.17	DN-M10
112 086.02	DN-M10
114 825.05	DN-S1210, DN-S86
115 116.07	DN-T10
115 118.11	DN-T8
115 120.17	DN-T6
115 124.07	DN-T1/0
115 126.01	DN-D10
115 129.14	DN-T4
115 166.11	DN-D10X
115 210.21	DN-T4
115 214.11	DN-D1S10
115 216.13	DN-T3/0
115 259.06	DN-T10
115 260.03	DN-T8
115 261.20	DN-T6
115 271.22	DN-D10
115 377.24	DN-F6
115 486.03	DN-T12
115 490.13	DN-D10
115 491.00	DN-D10
115 498.17	DN-D10X
115 501.12	DN-D10
115 537.05	DN-TL14SLP
115 538.16	DN-TL14SLN
115 541.11	DN-TL14
115 542.12	DN-TL14S
115 657.25	DN-F10
115 659.07	DN-F10
115 660 04	DN-DIS10
115 661.21	DN-F10L110, DN-F10L220

Entelec	DINnectors
115 663.23	DN-F10L24
115 665.25	DN-F10L24
115 667.27	DN-F10L110, DN-F10L220
115 686.13	DN-DIS10
115 688.25	DN-DIS10
116 656.25	DN-DEC10
116 771.2	DN-EC14
116 951.15	DN-ECF
117 600.03	DN-ECM10
118 233.27	DN-EC1/0
118 368.16	DN-EC1210, DN-EC86
118 499.23	DN-DEC10
118 618.01	DN-EC4
118 707.03	DN-S1210, DN-S86
120 491.11	DN-M10B
125 116.01	DN-T10B
125 118.13	DN-T8B
125 120.11	DN-T6B
125 124.01	DN-T1/0B
125 126.03	DN-D10B
125 129.16	DN-T4B
125 216.15	DN-T3/0B
125 486.05	DN-T12B
125 490.15	DN-T10B
125 491.02	DN-D10B
160 496.26	DN-MG10
163 043.21	DN-TPR
163 427.17	DN-C10, DN-C86
163 428.20	DN-C86
163 429.21	DN-C86
163 430.26	DN-C4
163 431.13	DN-C1/0
164 600.12	DN-R15S1
164 716.21	DN-EB15
165 111.14	DN-G1/0
165 113.16	DN-G10
165 114.17	DN-G8
165 115.10	DN-G6
165 130.23	DN-G4
165 488.27	DN-G10
168 516.25	DN-2J10
168 517.26	DN-3J10
168 518.07	DN-4J10
168 520.05	DN-2J8, DN-2JM10
168 521.22	DN-3J8, DN-3JM10
168 522.23	DN-4J8, DN-4JM10

Entelec	DINnectors
168 973.07	DN-82J10
168 974.00	DN-70J8
173 206.04	DN-MC10
173 217.26	DN-2JM10
173 218.07	DN-3JM10
173 219.00	DN-4JM10
173 220.05	DN-R35S1
173 515.11	DN-2JM10
173 516.12	DN-3JM10
173 517.13	DN-4JM10
173 611.21	DN-2J6
173 612.22	DN-3J6
173 613.23	DN-4J6
173 615.25	DN-55J6
173 616.26	DN-2J4
173 617.27	DN-3J4
173 618.00	DN-4J4
174 300.17	DN-R351
176 226.22	DN-2JM10
176 227.23	DN-3JM10
176 228.04	DN-4JM10
176 273.01	DN-2J12
176 274.02	DN-3J12
176 275.03	DN-4J12
176 422.17	DN-2JL14
176 423.10	DN-3JL14
176 424.11	DN-4JL14
179 613.01	DN-2J1/0
179 614.02	DN-3J1/0
179 615.03	DN-4J1/0
199 014.11	DN-F6
199 095.13	DN-F6
199 105.22	DN-F6
199 166.26	DN-F6L24
199 168.00	DN-F6L110, DN-F6L220
231 000.07	DN-LB
231 002.25	DN-L50
231 003.26	DN-L50
231 004.27	DN-L50
231 005.20	DN-L50
231 006.21	DN-L50
231 007.22	DN-L100
231 008.08	DN-L100
231 009.04	DN-L100
231 010.20	DN-L100
231 011.15	DN-L100





# DINNECTORS CROSS REFERENCE

## Phoenix Contact

The following is a list of comparable but overpriced competitor products. To obtain our high-quality **DINnectors**, simply find the corresponding part number of the unit you currently use. These are approximate replacements based on UL wire size, ampacity and voltage. Please consult the technical section for specifications to determine suitability for your application. Physical size varies from manufacturer to manufacturer.

Phoenix	DINnectors
02 01 27 8	DN-3J1/0, DN-3J4
02 01 33 3	DN-2J1/0, DN-2J4
02 01 73 1	DN-TPB
02 03 25 0	DN-82J10, DN-82JM10, DN-4J12
02 03 26 3	DN-70J8, DN-4JM10
02 03 27 6	DN-55J6, DN-4JM10
02 03 45 4	DN-41J4
02 79 13 2	DN-D10LED1
04 41 01 2	DN-G10
04 41 02 5	DN-G10
04 41 08 3	DN-G10
04 41 11 9	DN-G10
04 41 50 4	DN-G10
04 42 01 1	DN-G8
04 43 01 0	DN-G6
04 43 02 3	DN-G4
04 43 05 2	DN-G4
04 43 06 5	DN-G4
04 44 01 9	DN-G1/0
04 52 01 4	DN-MG10
04 52 02 7	DN-MG10
05 52 02 4	DN-M10
06 01 29 2	DN-TPR
08 01 68 1	DN-R351
08 01 73 3	DN-R35S1
09 20 08 3	DN-F10
10 50 00 4	DN-LB
10 50 01 7	DN-L100
12 01 09 9	DN-ASB
12 01 44 2	DN-EB35
14 01 01 9	DN-M10
14 01 09 3	DN-M10B
14 01 68 2	DN-R15S1
14 02 01 8	DN-M10
14 02 78 8	DN-MG10
14 07 01 3	DN-M10
14 07 09 7	DN-M10B
14 13 01 0	DN-M10
14 13 02 3	DN-ECM10
14 13 03 6	DN-M10
14 13 04 9	DN-ECM10
14 13 07 8	DN-M10B
14 13 09 4	DN-M10B
14 13 11 7	DN-MG10
14 13 27 2	DN-EC14S

Phoenix	DINnectors
14 13 28 5	DN-EC14
14 14 00 6	DN-M10
14 14 01 9	DN-M10B
14 14 03 5	DN-ECM10
14 15 01 8	DN-M10
14 15 02 1	DN-ECM10
14 15 07 6	DN-M10
14 15 09 2	DN-M10B
14 15 11 5	DN-M10B
14 21 65 9	DN-EB15
27 15 85 6	DN-TL14SLP
27 15 96 6	DN-TL14S
27 15 97 9	DN-TL14
27 15 99 5	DN-TL14SLN
27 70 01 1	DN-D10
27 70 02 4	DN-DEC10
27 70 09 5	DN-D10B
27 70 64 2	DN-100J12
27 71 00 7	DN-D10X
27 71 01 0	DN-D10
27 71 02 3	DN-DEC10
27 71 09 4	DN-D10B
27 71 14 6	DN-D10
27 72 07 7	DN-D10
27 74 01 7	DN-D10
27 74 09 1	DN-D10B
27 75 48 5	DN-D10X
27 91 35 9	DN-D10LED2
28 00 56 7	DN-D10DF
28 00 57 0	DN-D10DR
30 00 15 9	DN-4JM10
30 00 16 2	DN-3JM10
30 00 17 5	DN-2JM10
30 00 19 1	DN-4JM10
30 00 20 1	DN-3JM10
30 00 22 7	DN-2JM10
30 01 02 2	DN-EC1210
30 01 03 5	DN-T12
30 01 04 8	DN-T12B
30 01 39 4	DN-DEC10
30 01 50 1	DN-T12
30 01 51 4	DN-T12B
30 01 62 4	DN-4JM10
30 02 01 8	DN-T12
30 02 09 2	DN-T12B

Phoenix	DINnectors
30 03 01 7	DN-T12
30 03 02 0	DN-EC1210, DN-EC86, and DN-EC4
30 03 09 1	DN-T12B
30 03 22 4	DN-S1210, DN-S86
30 03 34 7	DN-T12
30 03 35 0	DN-T12B
30 04 01 6	DN-T10
30 04 09 0	DN-T10B
30 04 10 0	DN-F10
30 04 12 6	DN-F10L24
30 04 14 2	DN-F10L110, DN-F10L220
30 04 17 1	DN-F6
30 04 24 9	DN-F6L110, DN-F6L220
30 04 26 5	DN-F6L24
30 04 36 2	DN-T10
30 04 38 8	DN-T10B
30 04 52 4	DN-T8
30 04 97 7	DN-T8B
30 05 01 5	DN-T8
30 05 07 3	DN-T6
30 05 08 6	DN-T6B
30 05 09 9	DN-T8B
30 05 10 9	DN-F10
30 05 68 8	DN-F10
30 06 01 4	DN-T6
30 06 02 7	DN-EC4, DN-EC86
30 06 04 3	DN-T4
30 06 05 6	DN-T4B
30 06 09 8	DN-T6B
30 06 15 3	DN-T4
30 06 18 2	DN-T4
30 06 20 5	DN-T4B
30 08 01 2	DN-T1/0
30 08 02 5	DN-T1/0B
30 09 01 1	DN-T4
30 09 10 5	DN-T1/0B
30 09 11 8	DN-T1/0
30 10 01 3	DN-T3/0
30 10 13 6	DN-T3/0B
31 00 30 5	DN-M10
31 00 31 8	DN-MG10
31 00 32 1	DN-ECM10
31 01 01 6	DN-KBD12
31 18 01 2	DN-F10
31 18 20 3	DN-F10

# DINNECTORS CROSS REFERENCE

## Weidmuller

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Weidmuller	DINnectors
11002	DN-T6
11006	DN-T6
11007	DN-T6B
11008	DN-T6B
11750	DN-R15S1
11792	DN-EC1210, DN-EC86
11796	DN-EC1210, DN-EC86
12360	DN-2J1/0
12370	DN-3J1/0
12380	DN-4J1/0
12832	DN-T10
12836	DN-T10
12837	DN-T10B
12838	DN-T10B
13012	DN-S1210, DN-S86
13016	DN-S1210, DN-S86
13916	DN-T3/0
15096	DN-EC1210
16400	DN-ASB
17216	DN-DIS10
17870	DN-C1/0
18040	DN-TPB
19016	DN-G6
19122	DN-F10
19132	DN-ECF
19186	DN-S1210
19322	DN-T8
19326	DN-T8
19328	DN-T8B
21286	DN-T8
21556	DN-T12
21558	DN-T12B
21860	DN-T12
24892	DN-F6
26886	DN-T12
26888	DN-T12B
27102	DN-T4
27106	DN-T4
27108	DN-T4B
27112	DN-EC4
27116	DN-EC4
27952	DN-EC1210
27956	DN-EC1210
27962	DN-T12
27966	DN-T12

Weidmuller	DINnectors
27967	DN-T12B
27968	DN-T12B
28060	DN-TPR
29436	DN-M10
29438	DN-M10B
29446	DN-ECM10
30282	DN-S1210
30286	DN-S1210
30340	DN-MC10
30352	DN-T1/0
30356	DN-T1/0
30358	DN-T1/0B
30362	DN-EC1/0
30366	DN-EC4, DN-EC1/0
33640	DN-2JM10
33650	DN-3JM10
33660	DN-4JM10
33670	DN-2J10
33680	DN-3J10
33690	DN-4J10
33700	DN-2J12
33710	DN-3J12
33720	DN-4J12
33860	DN-31J1/0
34046	DN-M10
34048	DN-M10B
34056	DN-ECM10
34072	DN-DIS10
34082	DN-T3/0
35456	DN-G10
35466	DN-G8
35476	DN-G4
35546	DN-D10
35548	DN-D10B
35752	DN-DIS10
35926	DN-DEC10
36366	DN-D10X
36780	DN-2J12
36790	DN-3J12
36800	DN-4J12
36810	DN-100J12
36820	DN-2JM10
36830	DN-3JM10
36840	DN-4JM10
36860	DN-82JM12

Weidmuller	DINnectors
36870	DN-100J12
36880	DN-82J10
37087	DN-T3/0B
37466	DN-G6
38026	DN-MG10
38036	DN-ECF
38042	DN-T12
38046	DN-T12
38047	DN-T12B
38048	DN-T12B
38052	DN-T8
38056	DN-T8
38057	DN-T8B
38058	DN-T8B
38062	DN-T4
38066	DN-T4
38068	DN-T4B
38076	DN-T1/0
38078	DN-T1/0B
38286	DN-EB15
38340	DN-R351
41216	DN-DIS10
44362	DN-T10
44366	DN-T10
44367	DN-T10B
44368	DN-T10B
44372	DN-T6
44376	DN-T6
44377	DN-T6B
44378	DN-T6B
45056	DN-EC1210
45670	DN-2J8
45680	DN-3J8
45690	DN-4J8
45700	DN-70J8
45710	DN-2J6
45720	DN-3J6
45730	DN-4J6
45740	DN-55J6
45750	DN-2J4
45760	DN-3J4
45770	DN-4J4
45780	DN-41J4
46056	DN-EC1210
46746	DN-T10



# DINNECTORS CROSS REFERENCE

## Weidmuller®

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Weidmuller	DINnectors
46748	DN-T10B
47336	DN-LB
47346	DN-L50
47436	DN-G10
47456	DN-F10
50160	DN-F10
50162	DN-F10
51450	DN-R35S1
52766	DN-D10
52768	DN-D10B
53586	DN-TPB
55052	DN-T3/0
55062	DN-T1/0
55066	DN-T1/0
56490	DN-2J1/0
56500	DN-3J1/0
56510	DN-4J1/0
56520	DN-31J1/0
57670	DN-C1/0, DN-C4
59006	DN-D10
59008	DN-D10B
59016	DN-D10
59018	DN-D10B
59026	DN-D10X
60822	DN-T1/0
60826	DN-T4, DN-T1/0
60837	DN-T1/0B
66106	DN-G10
66116	DN-G10
66126	DN-G8
66136	DN-G8
66146	DN-G4
66222	DN-T3/0
66227	DN-T3/0B
66752	DN-F6
101010	DN-G10
101020	DN-G8
101030	DN-G8
101040	DN-G6
101050	DN-G1/0
101100	DN-F10
101110	DN-KBD12
101130	DN-F10L24

Weidmuller	DINnectors
101230	DN-F10L110
101240	DN-F10L220
101400	DN-F6
101410	DN-F6L24
101430	DN-F6L110
101440	DN-F6L220
102000	DN-T12
102001	DN-T12BLK
102002	DN-T12YEL
102004	DN-T12RED
102006	DN-T12ORG
102008	DN-T12B
102009	DN-T12GRN
102010	DN-T10
102011	DN-T10BLK
102012	DN-T10YEL
102014	DN-T10RED
102016	DN-T10GRN
102018	DN-T10B
102020	DN-T8
102028	DN-T8B
102030	DN-T6
102038	DN-T6B
102040	DN-T6
102048	DN-T6B
102050	DN-T4
102058	DN-T4B
102150	DN-D10
102158	DN-D10B
102230	DN-D10X
102330	DN-D10DR
102340	DN-D10DF
102460	DN-T1/0
102468	DN-T1/0B
103150	DN-T1/0
103158	DN-T1/0B
103676	DN-T100ORG
105000	DN-EC1210 and DN-EC86
105010	DN-S1210, DN-S86
105018	DN-S86
105196	DN-2J10
105236	DN-2J8
105256	DN-J26

Weidmuller	DINnectors
105306	DN-2J4
105316	DN-41J4
105326	DN-2J6
105336	DN-55J6
105366	DN-2J12, DN-2JM10
105376	DN-3J12, DN-3JM10
105386	DN-4J12, DN-4JM10
105456	DN-3J10
105466	DN-4J10
105476	DN-3J8
105486	DN-4J8
105496	DN-3J6
105506	DN-4J6
105516	DN-3J6
105526	DN-4J6
105536	DN-3J4
105546	DN-4J4
105596	DN-C4, DN-C86
105606	DN-C12, DN-C10
105616	DN-C86
105910	DN-DEC10
106120	DN-EB35
106286	DN-C1/0
106350	DN-2J1/0
106360	DN-3J1/0
130336	DN-MG10
131250	DN-2JL14
131260	DN-3JL14
131270	DN-4JL14
131326	DN-EC14S
131336	DN-TL14S
131706	DN-TL14
131766	DN-EC14
139716	DN-DEC10
157851	DN-TL14SLP
157855	DN-TL14SLN
912016	DN-D10LED1
912019	DN-D10LED2
912023	DN-D10LED1
912026	DN-D10LED2
951219	DN-T3/0
951222	DN-T3/0
951242	DN-T3/0B
951243	DN-T3/0B