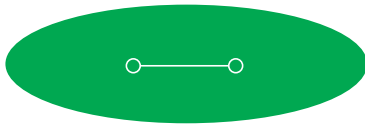
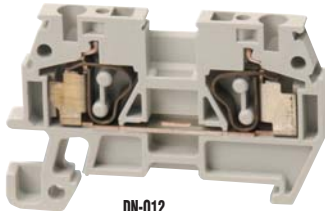


# Screwless Feed-Through Terminal Blocks



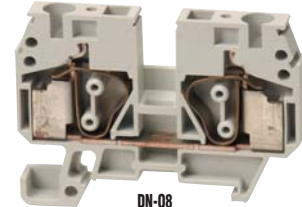
Feed-through terminal blocks provide the means to connect two wires together, and are available in sizes suitable for up to 8 AWG wire.



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



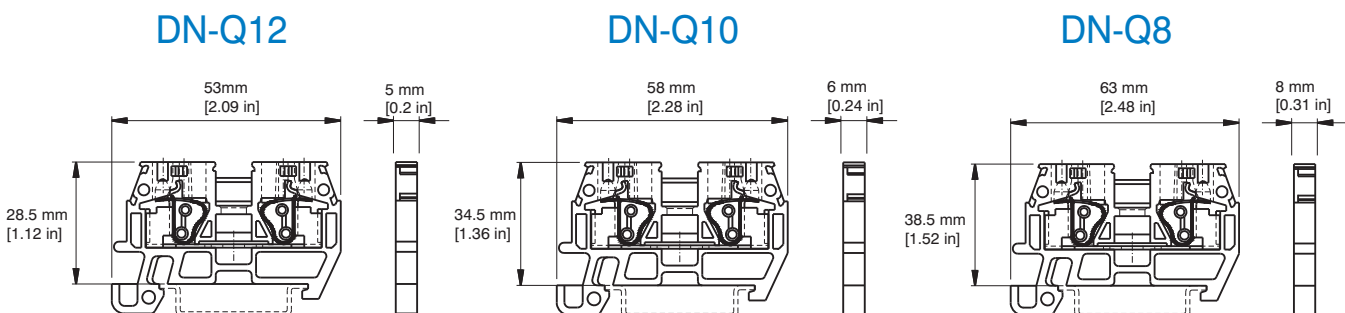
**DN-Q10B**  
(Euro Q4/35)



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

Feed-Through Screwless Dinnectors									
	Part Number	Price	Pcs/Pkg	Part Number	Price	Pcs/Pkg	Part Number	Price	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)		
<b>Operating Temperature</b>	Ambient air temperature: -13°F to 104°F (-25°C to 40°C) Relative humidity: 50% max at 104°F (40°C); 90% max at 68°F (20°C)								
Accessories									
Accessory	Part Number	Price	Pcs/Pkg	Part Number	Price	Pcs/Pkg	Part Number	Price	Pcs/Pkg
<b>DIN Rail</b>	<b>DN-R35S1</b>							<--->	10
	<b>DN-R35S1-2</b>							<--->	2
<b>End Bracket</b>	<b>DN-EB35</b>							<--->	50
	<b>DN-EB35MN</b>							<--->	20
	<b>DN-EB35-A or DN-QEB35</b>							various	50
	<b>DN-EB35-A-10 or DN-QEB35-10</b>							various	10
<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>Angled Support Bracket</b>	<b>DN-ASB1</b>							<--->	50

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



# Screwless Terminal Blocks – Accessories

## DIN rail

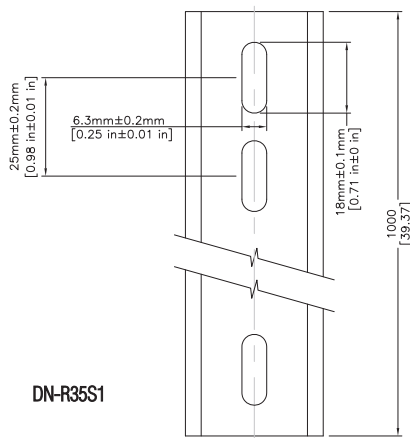
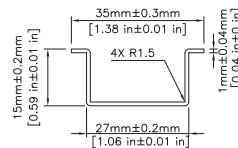
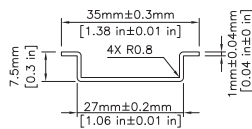
### 35 mm wide

These quality DIN rails are provided in one-meter lengths and two heights, 7.5 mm and 15 mm. The 7.5 mm-high rails are primarily used to mount terminal blocks, relays, timers and small PLCs such as the DL05, DL06, DL105, DL205, CLICK, and Productivity3000. The 15 mm-high rails are for mounting larger and heavier components such as contactors and larger PLCs.

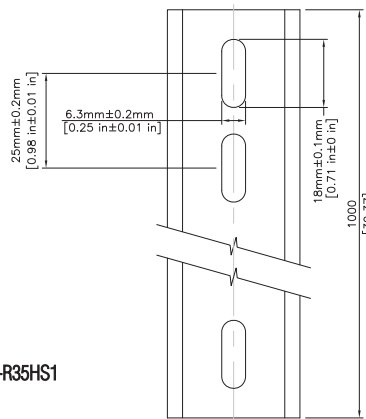


	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	<b>DN-R35S1</b>	10	<--->	<b>DN-R35HS1</b>	10	<--->
	<b>DN-R35S1-2</b>	2	<--->	<b>DN-R35HS1-2</b>	2	<--->
<b>DINnectors Accessories Specifications</b>						
<b>Description</b>	Steel, slotted, 3'3" (1m) length, 7.5mm high			Steel, slotted, 3'3" (1m) length, 15mm high		
<b>Plating</b>	silver-colored plating					
<b>International Standards</b>	CENELEC EN 50022, DIN 46277/3, RoHS			RoHS		
<b>Approximate Ampacity</b>	65 Amps			125 Amps		
<b>Suggested Mounting Screw Type</b>	M6			M6		

## Dimensions



DN-R35HS1

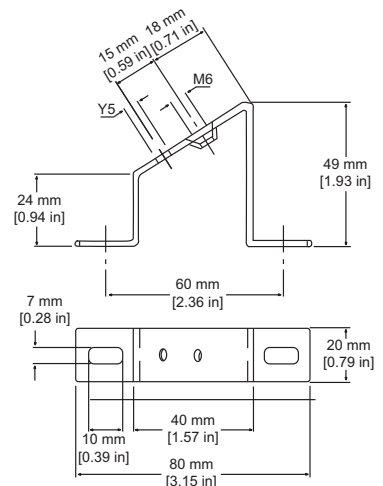


## Angled support bracket

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

Part Number	Pcs/Pkg	Price Each
<b>DN-ASB1</b>	50	<--->
*Uses M6x1 metric fixing screw for mounting DIN rail to bracket; additional 5 mm unthreaded mounting hole available.		

## DN-ASB1



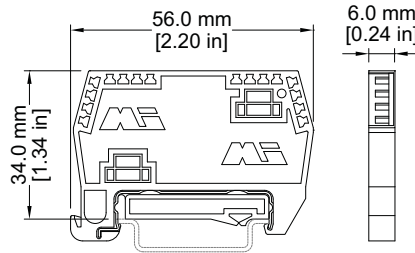
# Screwless Terminal Blocks – Accessories

## End Brackets

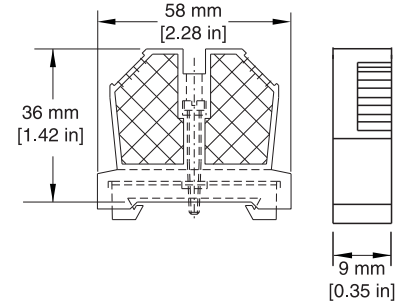
DN-xEB35x end brackets are designed to mount on 35 mm DIN rail, and are used to prevent components from sliding along the rail.

Part Number	Pcs/Pkg	Price Each
DN-EB35	50	<--->
DN-EB35MN	20	<--->
DN-EB35-A	50	<--->
DN-EB35-A-10	10	<--->
DN-QEB35	50	<--->
DN-QEB35-10	10	<--->

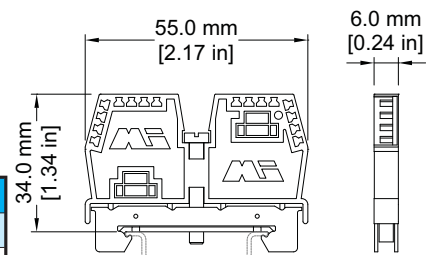
### DN-QEB35



### DN-EB35



### DN-EB35-A

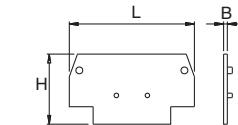


## End Covers & Spacers

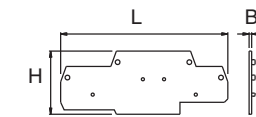
Certain end covers can be used with multiple terminal block parts to cover and insulate the open side, or to put more space between adjacent blocks.

End Covers for Screwless Dinnectors				
Part Number	Description	Dimensions LxHxB	Price	Pcs/Pkg
DN-QEC12	Gray end cover used with Screwless Feed-through <b>DINnectors</b> and Screwless Ground <b>DINnectors</b>	1.97" x 0.9" x 0.06" (50mm)x(23mm)x(1.5mm)	<--->	50
DN-QEC10	Gray end cover used with Screwless Feed-through <b>DINnectors</b> and Screwless Ground <b>DINnectors</b>	2.26" x 1.32" x 0.06" (57.4mm)x(33.6mm)x(1.5mm)	<--->	50
DN-QEC8	Gray end cover used with Screwless Feed-through <b>DINnectors</b> and Screwless Ground <b>DINnectors</b>	2.48" x 1.52" x 0.06" (63mm)x(38.5mm)x(1.5mm)	<--->	50
DN-QEC12-1-2	Gray end cover used with Screwless <b>DINnectors</b> series DN-Q12-1-2	2.70" x 1.12" x 0.06" (68.5mm)x(28.5mm)x(1.5mm)	<--->	25
DN-QEC12-2-2	Gray end cover used with Screwless <b>DINnectors</b> series DN-Q12-2-2	3.44" x 1.12" x 0.06" (87.5mm)x(28.5mm)x(1.5mm)	<--->	25
DN-QDEC12	Gray end cover used with Double Level Screwless <b>DINnectors</b>	3.86" x 1.46" x 0.06" (98mm)x(37mm)x(1.5mm)	<--->	25
DN-EMXM1EC1	Covers open side of TB DN-QEMXM1	as shown	<--->	25
DN-EMXM1EC2	covers closed side of TB DN-QEMXM1		<--->	25
DN-EMXM1SPA1	spacer for either side of TB DN-QEMXM1		<--->	25
DN-EMXDVEC1	covers open side of TB DN-QEMXDV		<--->	25
DN-EMXDVEC2	covers closed side of TB DN-QEMXDV		<--->	25
DN-EMXDVSPA1	spacer for either side of TB DN-QEMXDV		<--->	25

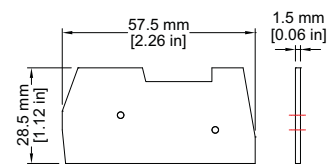
DN-QEC Series



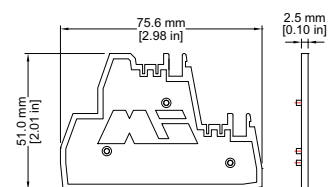
DN-QDEC Series



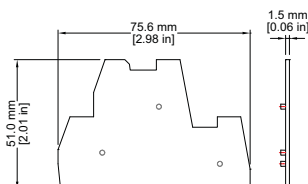
DN-EMXM1EC2



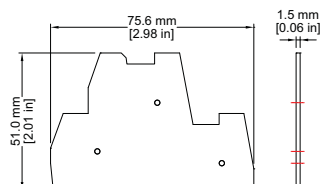
DN-EMXDVSPA1



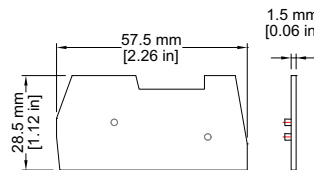
DN-EMDVEC1



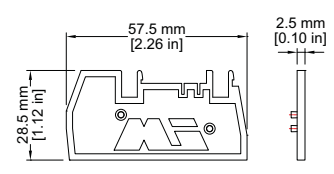
DN-EMDVEC2



DN-EMXM1EC1



DN-EMXM1SPA1

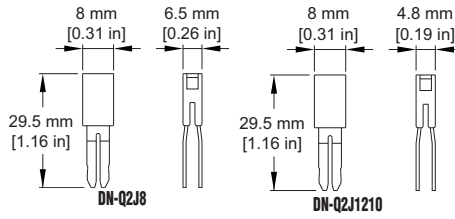


# Screwless Terminal Blocks – Accessories

## Jumper bar



DN-Q2J1210 shown



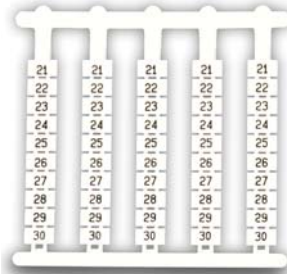
Jumper Bar for Screwless Dinnectors			
Part Number	Description	Price	Pcs/Pkg
DN-Q2J1210	Jumper bar (push-in style) for DN-Q12 and DN-Q10 screwless terminal blocks. Two insulated poles	<--->	50
DN-Q2J8	Jumper bar (push-in style) for DN-Q8 screwless terminal blocks. Two insulated poles	<--->	50

Note: Jumpers can be installed side-by-side to allow continuous termination.

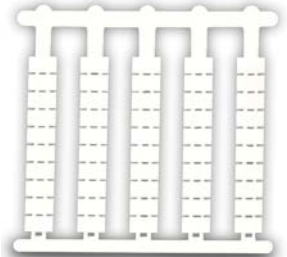
## Marking accessories

### Marking tags

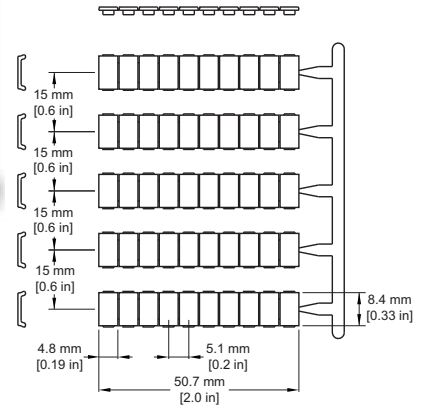
Marking Tags for Screwless Terminal Blocks			
Part Number	Marking Sequence	Price	Pcs/Pkg
DN-QL100	1-100 (50 labels/card, 10 cards/box)	<--->	500
DN-QL200	101-200 (50 labels/card, 10 cards/box)	<--->	500
DN-QL300	201-300 (50 labels/card, 10 cards/box)	<--->	500
DN-QL400	301-400 (50 labels/card, 10 cards/box)	<--->	500
DN-QL500	401-500 (50 labels/card, 10 cards/box)	<--->	500
DN-QLB	Blank Tags (50 labels/card, 10 cards/box)	<--->	500



DN-QL100



DN-QLB



DN-EMLBL1



DN-EMLBL2



DN-EMLBL3

Part #	Description	For Use With	Pcs/Pkg	Price Each
DN-EMLBL1	Blank labels	DN-EMPEG1 pin protectors for DN-xEMXxx plug-in terminal blocks	100	<--->
DN-EMLBL2	Labels printed 1 – 12		100	<--->
DN-EMLBL3	Labels printed 13 – 24		100	<--->

### Marking Pen – for terminal and wire marking tags

- Permanent
- Smudge-proof
- Waterproof
- Weatherproof
- Lightfast (won't fade)
- Dries in seconds (excellent for left-handed users)
- Dry-safe (pen can be left uncapped for days without drying out)
- Low odor ink

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



Marking pen

# Screwless DINnectors Cross Reference

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

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

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

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