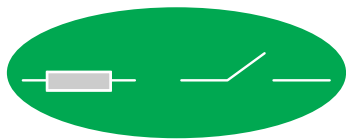


Fuse Terminal Blocks



Fuse blocks are available for 1/4", 5 mm, Class CC and midsize 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-H



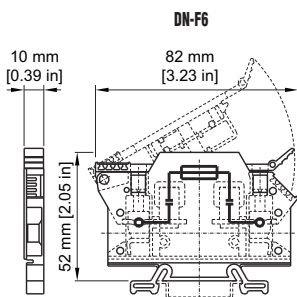
DN-F6L Series: EURO S10-H



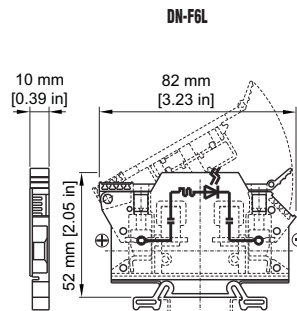
DN-F10 Series: EURO S4LH



DN-F10L Series: EURO S4LH



DN-F6



DN-F6L

	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg	Part Number	Pcs/Pkg	Price/Pkg
Gray Term Blk	DN-F6	25	<-->	-	-	-	DN-F10	50	<-->	-	-	-
12-24VAC/DC*	-	-	-	DN-F6L24	10	<-->	-	-	-	DN-F10L24	10	<-->
110VAC/DC*	-	-	-	DN-F6L110	10	<-->	-	-	-	DN-F10L110	10	<-->
220VAC/DC*	-	-	-	DN-F6L220	10	<-->	-	-	-	DN-F10L220	10	<-->

Fuse Terminal Blocks Specifications

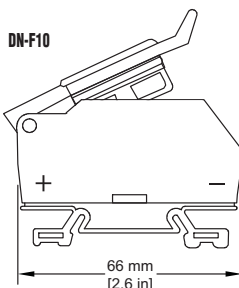
UL Approval**	600V	30A	20-6 AWG	600V	30A	20-6 AWG	300V	15A	24-10 AWG	300V	15A	24-10 AWG
CSA Approval	600V	30A	18-6 AWG	600V	30A	18-6 AWG	300V	8A	18-12 AWG	300V	8A	18-12 AWG
VDE Approval	750V	8A	-	750V	8A	-	500V	8A	4mm ²	500V	8A	4mm ²
CE Conformity	CE 23/20, CE 23/21			CE 23/20, CE 23/21			CE 23/20, CE 23/21			CE 23/20, CE 23/21		
Agency File #	E179129, LR84816			E179129, LR84816			E179129, LR84816			E179129, LR84816		
Wire Strip Length	0.47" (12mm)			0.47" (12mm)			0.39" (10mm)			0.39" (10mm)		
Tightening Torque	18.0 lb-in (2.0Nm)			18.0 lb-in (2.0Nm)			5.5 lb-in (0.6Nm)			5.5 lb-in (0.6Nm)		
Density	30 pcs./ft. (100/m)			30 pcs./ft. (100/m)			30 pcs./ft. (100/m)			30 pcs./ft. (100/m)		
Fuse Size (not supplied)	1 1/4" X 1/4"			1 1/4" X 1/4"			5x20mm-5x25mm			5x20mm-5x25mm		
Indicator Type	Non-indicating			LED blown fuse indicator			Non-indicating			LED blown fuse indicator		
Operating Temperature	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)											
SCCR	10 kA per Table SB4.1, 2009, UL 508A, Maximum short circuit current rating for unmarked components											
Notes:	* Working voltage			** For copper wire only								

Accessories

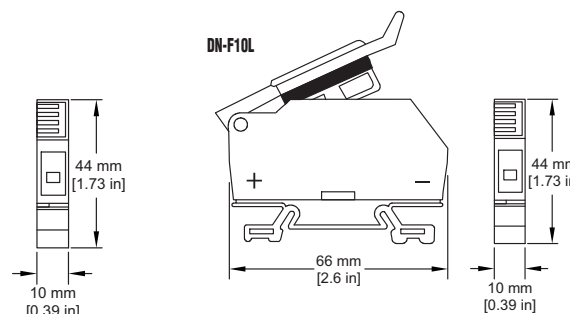
	Part Number	Pcs/Pkg	Price/Pkg
35 mm DIN Rail	DN-R35S1 (7.5 mm) or DN-R35HS1 (15 mm)	10	various
	DN-R35S1-2 (7.5 mm) or DN-R35HS1-2 (15 mm)	2	various
End Bracket	DN-EB35	50	<-->
	DN-EB35MN	20	<-->
	DN-EB35-A or DN-QEB35	50	various
	DN-EB35-A-10 or DN-QEB35-10	10	various
End Cover	Included		
Marking Tags	DN-L*/DN-LT** series		
Angled Support Bracket	DN-ASB1	50	<-->

Notes: * On lever arm, ** On terminal body

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



DN-F10



DN-F10L

Note: DN-F6 series fuse holders will accommodate the following AutomationDirect fuses: ABC, AGC, MDA and MDL.

DN-F10 series fuse holders will accommodate the following AutomationDirect fuses: GMA, GMC, S500, and S506.

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

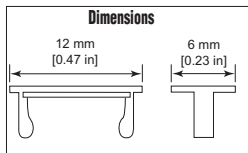
DN-L

Fits terminal block types: All except, Screwless DINnectors, DN-T12-A, DN-M10-A, DN-MG, and DN-TL series

Material: Thermoplastic with heat embossed black print

Note:

- The marking sequence of 50 tags (i.e. 101-150) is printed 10 times in each package of 500 tags.
- The DN-L tags fit all DINnectors 6mm wide and wider.
- The DN-L tags fit all DINnectors 6mm wide and wider but will leave a gap between tags on blocks wider than 6mm.



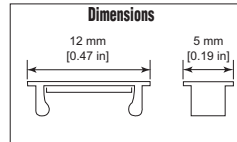
DN-LA

Fits terminal block types: DN-T12-A series

Material: Thermoplastic with heat embossed black print

Note:

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



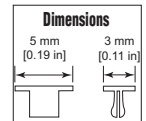
DN-LT

Fits terminal block types: All except Screwless (see DN-QL series)

Material: Thermoplastic with heat embossed black print

Note:

- These marking tags allow the flexibility of creating custom marking sequences on site.
- The DN-M10-A support a maximum of three digits (tags), while other DINnectors support up to four digits (tags)



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

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

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

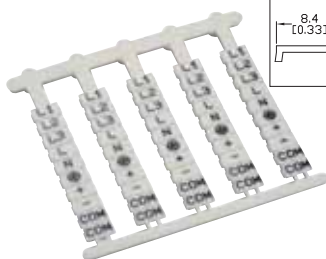
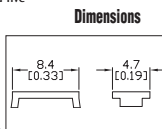
DN-QLS

Fits terminal block types: Screwless DN-Q series

Material: Thermoplastic with heat embossed black print. Packaged 100 labels per card, and five cards per box.

Note:

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



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

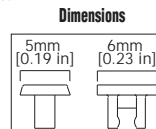
DN-LAT

Fits terminal block types: Triple level DN-TL14

Material: Thermoplastic with heat embossed black print

Note:

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



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

DINnectors Accessories – Marking

Terminal Marking Accessories



DN-EMLBL1

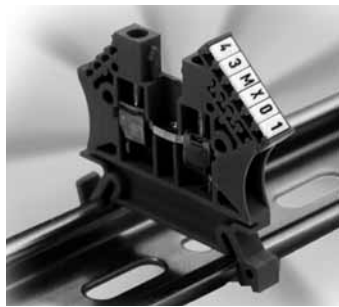


DN-EMLBL2



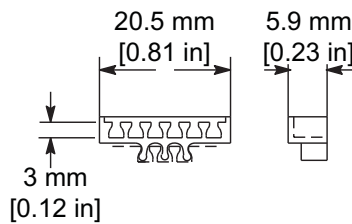
DN-EMLBL3

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



DN-MTA marking tag adapter

DN-MTA dimensions



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

Note:
DN-MTA adapter does not fit DN-T12-A terminal blocks.

Marking Pen – for terminal and wire marking tags

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

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



Marking pen

Wire Marking Accessories



DN-WMTAG1 wire tags & DN-WM-x wire tag holders

Part #	Description	For Use With	Pcs/Pkg	Price Each
DN-WMTAG1	Wire tag – blank	all DN-WM-x wire tag holders	525	<--->
DN-WM-1	Wire tag holder, clear, 12 mm length, 0.051–0.118 in diameter; for 22–16 AWG wire	DN-WMTAG1	200	<--->
DN-WM-2	Wire tag holder, clear, 12 mm length, 0.098–0.196 in diameter; for 16–11 AWG wire		200	<--->
DN-WM-3	Wire tag holder, clear, 12 mm length, 0.157–0.393 in diameter; for 13–5 AWG wire		100	<--->
DN-WM-4	Wire tag holder, clear, 12 mm length, 0.314–0.629 in diameter; for 5 AWG wire		100	<--->

Screwdriver Application Guide

Application Guide

AutomationDirect also sells high-quality insulated screwdrivers. Use these tables to find the right screwdriver to use for your DINnectors or PLC terminals.

See the Tools section in this catalog for more information on these screwdrivers.



Screwdriver Application Guide							
DINnectors & PLC Terminals	Insulated Slotted Screwdrivers				Insulated Phillips Screwdrivers		6mm Hex Head
	TW-SD-VSL-1, DN-SS1	TW-SD-VSL-2, DN-SS3	TW-SD-VSL-3, DN-SS4	TW-SD-VSL-4, DN-SS5	TW-SD-VPH-1, DN-SP1	TW-SD-VPH-2, DN-SP2	
DN-D10-A		X					
DN-D10DR-A		X					
DN-D10LED1-A		X					
DN-D10X-A		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-G1/0				X			
DN-G4				X			
DN-G6			X				
DN-G8			X				
DN-G10		X					
DN-KBD12	X						
DN-M10-A		X					
DN-M10B-A		X					
DN-MG10		X					
DN-T1/0				X			
DN-T1/0B				X			
DN-T3/0							X
DN-T4				X			
DN-T4B				X			
DN-T6			X				
DN-T6B			X				
DN-T8			X				
DN-T8B			X				
DN-T10-A		X					
DN-T10B-A		X					
DN-T12-A	X						
DN-T12B-A	X						
DN-TL14-A	X						
DN-TL14S-A	X						
DN-TL14SLP-A	X						
DN-TL14SLN-A	X						
D2-8IOCON					X		
D2-16IOCON	X						
D3-16IOCON					X		
D4-16IOCON						X	

Note: See next page for additional selections.

Screwdriver Application Guide (continued)



Screwdriver Application Guide Cont.							
DINnectors & PLC Terminals	Insulated Slotted Screwdrivers				Insulated Phillips Screwdrivers		Hex Head
	TW-SD-VSL-1, DN-SS1	TW-SD-VSL-2, DN-SS3	TW-SD-VSL-3, DN-SS4	TW-SD-VSL-4, DN-SS5	TW-SD-VPH-1, DN-SP1	TW-SD-VPH-2, DN-SP2	
CO-3TB	X						
CO-4TB	X						
CO-8TB	X						
CO-16TB	X						
DN-THERM1	X						
DN-THERM2	X						
DN-FE2		X					
DN-FE2L12		X					
DN-FE2L24		X					
DN-FE4		X					
DN-FE4L12		X					
DN-FE4L24		X					
DN-DIS2		X					
DN-DIS2L12		X					
DN-DIS2L24		X					
DN-DIS4		X					
DN-DIS4L12		X					
DN-DIS4L24		X					
DN-EMXM1		X					
DN-EMXDV		X					
DN-QEMXM1			X				
DN-QEMXDV			X				
DN-Q12-A		X					
DN-Q12B-A		X					
DN-Q10-A			X				
DN-Q10B-A			X				
DN-Q8-A			X				
DN-Q8B-A			X				
F0-IOCON	X						
F1-IOCON					X		
P3-RTB					X		

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 ²)															
		#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
		(0.25)	(0.34)	(0.50)	(0.75)	(1.5)	(2.5)	(4)	(6)	(10)	(16)	(25)	(35)	(50)	(55)	(70)	(95)
Part Number	UL Rating	Number of the Same Size Wires Per Terminal Block															
DN-D10-A	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	
DN-D10DR-A	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	
DN-D10LED1-A	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	
DN-D10X-A	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	
DN-DIS10	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	
DN-F10	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	
DN-F10L110	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	
DN-F10L220	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	
DN-F10L24	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	
DN-F6	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	
DN-F6L110	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	
DN-F6L220	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	
DN-F6L24	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	
DN-G1/0	14-2	-	-	-	-	-	3	2	2	2	1	1	1	1	1	-	
DN-G10	24-10	4	4	4	3	2	2	1	1	-	-	-	-	-	-	-	
DN-G4	14-4	-	-	-	-	-	4	3	2	2	1	1	-	-	-	-	
DN-G6	20-8	-	-	4	4	3	2	2	1	1	-	-	-	-	-	-	
DN-G8	22-8	-	4	4	4	3	2	2	1	1	-	-	-	-	-	-	
DN-KBD12	22-12	-	3	3	2	2	1	1	-	-	-	-	-	-	-	-	
DN-M10-A	24-10	4	3	3	2	2	1	1	1	-	-	-	-	-	-	-	
DN-MG10	18-10	-	-	-	3	2	2	1	1	-	-	-	-	-	-	-	
DN-T1/0	14-1/0	-	-	-	-	-	3	2	2	2	1	1	1	1	1	-	
DN-T10-A	24-10	4	4	4	3	2	2	1	1	-	-	-	-	-	-	-	
DN-T12-A	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	
DN-T3/0	4-3/0	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	
DN-T4	14-4	-	-	-	-	-	4	3	2	2	1	1	-	-	-	-	
DN-T6	20-6	-	-	4	4	3	3	2	2	1	1	-	-	-	-	-	
DN-T8	22-8	-	4	4	4	3	2	2	1	1	-	-	-	-	-	-	
DN-TL14-A	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	
DN-TL14S-A	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	
DN-TL14SLP-A	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	
DN-TL14SLNA	26-14	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-	

Multiple Wire Combinations Cont.

Multiple Wire Connection Combinations Cont.																	
		Wire Size AWG (mm ²)															
		#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
			(0.5)	(0.75)	(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															
DN-FE4	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
DN-FE4L12	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
DN-FE4L24	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
DN-DIS4	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
DN-DIS4L12	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
DN-DIS4L24	24-10	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
DN-FE2	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-FE2L12	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-FE2L24	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-DIS2	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-DIS2L12	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-DIS2L24	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-EMXM1	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-EMXDV	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-QEMXM1	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-
DN-QEMXDV	24-12	4	4	3	2	2	1	1	-	-	-	-	-	-	-	-	-