

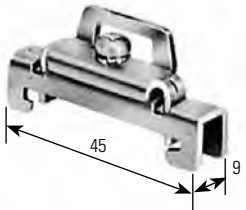
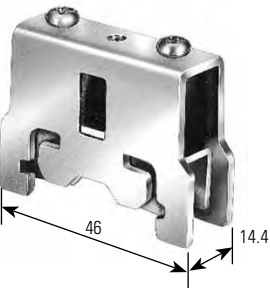
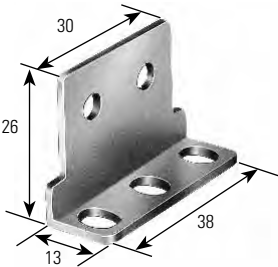
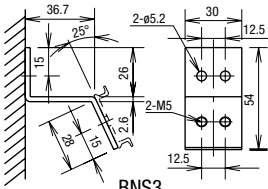
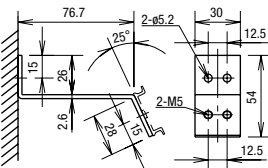
Accessories

Part Numbers: End Plates, DIN Rail Stops, Stand-Offs, DIN Rail and Dust Covers

Item	Appearance	Use with	Part No.	Remarks	
End Plates		BNH10W	BNE15W		
		BNH15MW			
		BNH15LW			
		BNH30W	BNE30W		
		BNF10SW	BNE20		
		BNF10NW			
		BNF10DW			
		BNH50W	BNE50W		
		BN75W	BNE75W		
		BN150W	BNE150W		
		BNDH15W	BNDE15W		
DIN Rail Stops		BNH10W	BNL5 (small)	1. DIN rail stops prevent side-to-side movement. 2. The BNL-5 width is 0.375" (9mm).	
		BNH15MW			
		BNH15LW			
		BNH30W			
		BNH50W			
		BNF10SW			
		BNF10NW			
		BNF10DW			
		BA111T			
		BA211T			
		BA311T			
		BA411S			
	BAF111SU				
	BAF111SDU				
		BN75W BN150W	BNL6 (medium)		1. DIN rail stops prevent side-to-side movement. 2. The BNL-6 width is 0.375" (9mm). 3. To firmly stabilize these higher profile terminal blocks, the BNL-6 has a higher profile than the BNL-5.
			BNDH15W BN200NW# BN400NW#		BNL8 (large)
DIN Rail Stand-Offs		All series	BNS3	1.46" (37mm) height	
			BNS4	3.03" (77mm) height	
DIN Rail		All series	BNDN1000 (length 39.37" (1mm))	1. For calculating the rail lengths required, see the instructions on page 876. 2. The DIN rail material is aluminum.	
Surface Mount Bracket		BNDH15W (dual-deck)	BNDL2	Used to surface mount dual-deck terminal blocks. (BNDL2).	

Dimensions, continued

Dimensions, DIN Rail Stops and Stand-offs

Part No.	Dimensions
BNL-6	 BNL-6 shown, BNL-5 same except without back crossbar
BNL-8	
BNDL2	
BNS3	 BNS3
BNS4	 BNS4

Switches & Pilot Lights

Signaling Lights

Relays & Sockets

Timers

Contactors

Terminal Blocks

Circuit Breakers

Switches & Pilot Lights

Signaling Lights

Relays & Sockets

Timers

Contactors

Terminal Blocks

Circuit Breakers

Calculating DIN Rail Lengths

Instructions

Step 1. Add widths of all terminal blocks (reference pages 864 through 869).

Step 2. Add the endplate thickness (usually only one).

Step 3. Add the DIN rail stop widths (usually two are used).

Step 4. Round to the nearest 2" (50mm) increment to allow for DIN rail hole spacing.

Step 5. Add 1" (25mm) to ensure 0.5" (12.5mm) of clearance at each end of the DIN rail.

Appearance

DIN Rail Stop Dimensions

Part No.	Width
BNL-5	.374" (9mm)
BNL-6	.374" (9mm)
BNL-8	.571" (14.5mm)

Torque Specifications and Applicable Connector Sizes

Screw Size	M3	M3.5	M4	M5	M6	M8	M10	M12	Diagram
Torque	(N-m)	0.6 to 1.0	1.0 to 1.3	1.4 to 2.0	2.6 to 3.7	3.9 to 5.4	10 to 13.5	21 to 28	38 to 49
	(kgf-cm)	6.1 to 10.2	10.2 to 13.3	14.3 to 20.4	26.5 to 37.7	39.8 to 55.1	102 to 138	214 to 286	388 to 500
Dimension A	0.257" (6.6mm)	0.332" (8.5mm)	0.371" (9.5mm)	0.499" (12.8mm)	0.655" (16.8mm)	0.890" (22.8mm)	1.279" (32.8mm)	1.981" (50.8mm)	
Dimension B	0.129" (3.3mm)	0.156" (4mm)	0.176" (4.5mm)	0.176" (4.5mm)	0.234" (6mm)	0.312" (8mm)	0.429" (11mm)	0.546" (14mm)	
Dimension C	0.195" (5mm)	0.195" (5mm)	0.234" (6mm)	0.254" (6.5mm)	0.332" (8.5mm)	0.429" (11mm)	0.624" (16mm)	1.014" (26mm)	
Dimension D	Ø 0.125" (3.2mm)	Ø 0.140" (3.6mm)	Ø 0.164" (4.2mm)	Ø 0.203" (5.2mm)	Ø 0.242" (6.2mm)	Ø 0.332" (8.5mm)	Ø 0.410" (10.5mm)	Ø 0.488" (12.5mm)	

Rated Current

Applicable Wire	Rated at 60°C	Applicable Wire	Rated at 60°C
22 AWG (0.3mm²)	3A	6 (14mm²)	50A
20 AWG (0.5mm²)	5A	4 (22mm²)	75A
18 AWG (0.75mm²)	7A	0 (38mm²)	100A
16 AWG (1.25mm²)	10A	00 (60mm²)	150A
14 AWG (2mm²)	15A	0000 (100mm²)	200A
12 (3.5mm²)	20A	300mcm (150mm²)	300A
10 (5.5mm²)	30A	400mcm (200mm²)	350A

UL/CSA ratings are specified. The current carrying capacity depends on the rating of the wire used, as shown.