

Busway Power Distribution

BD® Plug-In (225 — 1600 Ampere) Copper

Selection

Ampere Rating	Plug In 10'-0" Straight Length Catalog Number	Case Dimensions (inches)	Shipping Weight Lb./Ft.	90° Elbow Prefix ③④	Switch-Board Connection⑤ Prefix	Building Expansion Fitting Catalog Number	Cable Tap Box		End Closure Catalog Number	Hangers⑥ Catalog Number
							End⑥ Catalog Number	Center⑦ Catalog Number		
3-Phase, 3-Wire										
600V or Less										
225	BDP302	4⅞ x 8⅞	9	LDP302	FEP302	EJP302	ETB302	CTB302	ECP6	BDH10
400	BDP304	4⅞ x 8⅞	12½	LDP304	FEP304	EJP304	ETB304	CTB304	ECP6	
600	BDP306	4⅞ x 8⅞	13½	LDP306	FEP306	EJP306	ETB306	CTB306	ECP6	
800	BDP308	6⅞ x 8⅞	18½	LDP308	FEP308	EJP308	ETB308	CTB308	ECP10	
1000	BDP310	6⅞ x 8⅞	22	LDP310	FEP310	EJP310	ETB310	CTB310	ECP10	
1350	BDP313	12⅞ x 8⅞	28	LDP313	FEP313	EJP313	ETB313	CTB313	ECA10	BDH12
1600	BDP316	12⅞ x 8⅞	29	LDP316	FEP316	EJP316	ETB316	CTB316	ECA10	
3-Phase, 4-Wire — Full Capacity Neutral										
480V or Less										
225	BDP4024	4⅞ x 8⅞	12	LDP4024	FEP4024	EJP4024	ETB4024	CTB4024	ECP6	BDH10
400	BDP4044	4⅞ x 8⅞	14½	LDP4044	FEP4044	EJP4044	ETB4044	CTB4044	ECP6	
600	BDP4064	4⅞ x 8⅞	15½	LDP4064	FEP4064	EJP4064	ETB4064	CTB4064	ECP6	
800	BDP4084	8⅞ x 8⅞	28	LDP4084	FEP4084	EJP4084	ETB4084	CTB4084	ECA8	BDH12
1000	BDP4104	8⅞ x 8⅞	32	LDP4104	FEP4104	EJP4104	ETB4101	CTB4101	ECA8	
Rod-Hanger Adapter (optional)			UJ100							

Aluminum to Copper Cross Reference

Ampere Rating	Plug In 10'-0" Straight Length Catalog Number	Case Dimensions (inches)
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Aluminum

3-Phase, 3-Wire

225	ABD302	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
400	ABD304	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
600	ABD306	6 $\frac{1}{16}$ x 8 $\frac{3}{8}$
800	ABD308	6 $\frac{1}{16}$ x 8 $\frac{3}{8}$
1000	ABD310	12 $\frac{1}{16}$ x 8 $\frac{3}{8}$
1200	ABD312	12 $\frac{1}{16}$ x 8 $\frac{3}{8}$

3-Phase, 4-Wire — Full Capacity Neutral

225	ABD4024	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
400	ABD4044	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
600	ABD4064	6 $\frac{1}{16}$ x 8 $\frac{3}{8}$
800	ABD4084	8 $\frac{3}{16}$ x 8 $\frac{3}{8}$
1000	ABD4104	12 $\frac{1}{16}$ x 8 $\frac{3}{8}$
1200	ABD4124	12 $\frac{1}{16}$ x 8 $\frac{3}{8}$

Ampere Rating	Plug In 10'-0" Straight Length Catalog Number	Case Dimensions (inches)
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Copper

3-Phase, 3-Wire

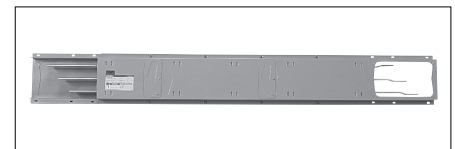
225	BDP302	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
400	BDP304	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
600	BDP306	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
800	BDP308	6 $\frac{1}{16}$ x 8 $\frac{3}{8}$
1000	BDP310	6 $\frac{1}{16}$ x 8 $\frac{3}{8}$
1350	BDP313	12 $\frac{1}{16}$ x 8 $\frac{3}{8}$
1600	BDP316	12 $\frac{1}{16}$ x 8 $\frac{3}{8}$

3-Phase, 4-Wire — Full Capacity Neutral

225	BDP4024	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
400	BDP4044	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
600	BDP4064	4 $\frac{1}{16}$ x 8 $\frac{3}{8}$
800	BDP4084	8 $\frac{3}{16}$ x 8 $\frac{3}{8}$
1000	BDP4104	8 $\frac{3}{16}$ x 8 $\frac{3}{8}$

"M" Rating / Standard Rating Conversion Table

1000/A Square Inch "M" Rating	Standard Rating Equivalent
225	—
400	600
600	800
800	800
1000	1000
1200	—
1350	1350
1600	1600
2000	—
2500	—
3000	—
4000	—

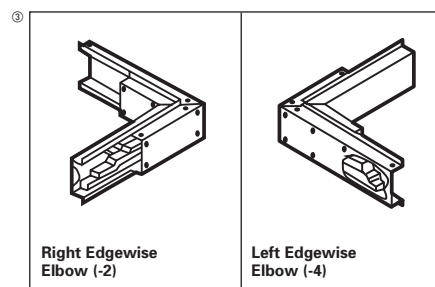


For inches / millimeters conversion, see Application Data Section.

③For higher short circuit ratings add an "H" after the "D" or "P" (ABDH302 or BDPH302). Consult sales office for ratings.

④"GK" suffix is an internal ground bus. For any other ground configuration, consult local sales office. Please use following footage for fittings:

Elbow - 3'
SWB - 1'
End Cable Tap Box - 1'
Center Cable Tap Box - 10'
Building Expansion - 10'



Suffix	Description	Appropriate suffix must be added to Elbow Catalog Number to order.
-1	Right Flatwise	
-2	Right Edgewise	
-3	Left Flatwise	
-4	Left Edgewise	

⑤Switchboard stub includes flange to cover cutout in top of indoor switchboard and 6" of bus inside switchboard. Connecting hardware supplied by switchboard manufacturer.

⑥Includes busway stub. Total length added to run is 2' for 225A and 400A aluminum or 225A-600A copper; 3' for all others. Box is designed to connect to offset bus-bar ends. When it is to be connected to straight bus-bar ends, adapter will be furnished upon request.

⑦Must be factory-assembled to busway. Complete device includes 10' busway.

⑧Two hangers included free of charge with each busway section, elbow, tee and cross.