

# Data Bulletin

Replaces 2742DB0201 06/2002

## Estimated Switchboard Shipping Weights Class 2742

Retain for future use.

### Switchboard Enclosure and Through Bus Weights

From Table 1, select the switchboard enclosure weight based on the section dimensions. From Table 2, select the through bus weight based on ampacity and section width. Then use the tables in the "Component Weights" section to select main or distribution section components. See Table 9 on page 2 for a weight calculation example.

**NOTE:** All weights are approximate. Each order may vary due to factors such as construction details.

**Table 1: Switchboard Enclosure Weight (lbs.)**

Section Depth	60	590	640	700	750	805	865
	54	555	610	660	715	770	825
	48	520	570	625	675	730	780
	36	460	510	560	610	660	710
	24	390	435	480	525	570	
		24	30	36	42	48	54
		Section Width					

**NOTE:**

1. Includes weight of the shipping pallet or skid.
2. Includes frame with front, side, and rear covers.

**Table 2: Through Bus Weight (lbs.)**

Material	Ampacity	Section Width (Inches)					
		24	30	36	42	48	54
Aluminum	1200	22	25	27	29	31	34
	1600 <sup>▲</sup>	40	50	55	65	70	80
	2000	30	35	40	45	50	55
	2500 <sup>▲</sup>	70	85	100	115	130	145
	3000 / 3200	80	85	95	105	115	125
	4000 / 5000 <sup>▲</sup>	150	180	210	240	270	300
Copper	1200 / 1600	40	50	55	65	70	80
	2000 / 2500	70	85	100	115	130	145
	3000	100	115	130	145	160	175
	3200 / 4000 / 5000	150	180	210	240	270	300
Copper 1000 A/in <sup>2</sup>	1000	40	50	55	65	70	80
	2000	70	85	100	115	130	145
	3000 / 4000	150	180	210	240	270	300

<sup>▲</sup> Uses copper bus.

## Component Weights

**Table 3: Circuit Breaker**

Circuit Breaker Type	Weight (lbs.)
FA, FH, HD, HG, HJ, HL	5
JD, JG, JJ, JL	5
LA, LH	15
LC, LE, LI, LX	25
MG, MJ, PG, PJ, PL	35
RG, RJ, RL	55
NW 2000 A Frame, Fixed	145
NW 2000 A Frame, Drawout	240
NW 3000 A Frame, Fixed	170
NW 3000 A Frame, Drawout	295
NW 5000 A Frame, Fixed	320
NW 5000 A Frame, Drawout	595
NW 6000 A Frame, Fixed	660
NW 6000 A Frame, Drawout	940

**Table 4: QMB/QMJ Switch**

Ampacity	Type	Weight (lbs.)
30 Twin	QMB/QMJ	20
60 Twin	QMB/QMJ	25
100 Twin	QMJ	
		QMB
200	QMB	35
200 Twin	QMJ	40
400	QMJ	45
	QMB	90
600	QMJ	85
	QMB	90
800	QMB	105
1200	QMB	145

**Table 5: I-Line® Interior**

Mounting Space (in.)	Weight (lbs.)
27	140
45	180
63	210
72	320

**Table 6: QMB Interior**

Mounting Space (in.)	Weight (lbs.)
15	50
30	95
46.5	145
54	170
72	225

**Table 7: BP Switch**

Ampacity	Weight (lbs.)
800 A	125
1200 A	
1600 A	
2000 A	
2500 A	210
3000 A	
4000 A	
4000 A	460

**Table 8: Miscellaneous Interior Components**

Component	Weight (lbs.)
Auxiliary section	see Table 1 on page 1
Pull box	
12 in. H x 24 in. W x 24 in. D	85
12 in. H x 36 in. W x 36 in. D	135
12 in. H x 48 in. W x 48 in. D	190
12 in. H x 54 in. W x 54 in. D	220
24 in. H x 24 in. W x 24 in. D	120
24 in. H x 36 in. W x 36 in. D	185
24 in. H x 48 in. W x 48 in. D	255
24 in. H x 54 in. W x 54 in. D	295
Capacitor trip	11
Control transformer	
100 VA	4
150 VA	6
500 VA	12
1000 VA	20
BP electric trip	10
Circuit monitor	10
Power meter, display and brick	10
QMB blank filler	
1.5 in. H	2
3 in. H	3
6 in. H	4
15 in. H	7
I-Line ground fault module	5
BP GFP: monitor panel and sensing system	30
TVSS	15
Automatic throwover	45

**Table 9: Weight Calculation Example**

Item	Weight (lbs.)
36-in. W x 24-in. D structure	480
1600 A copper through bus	55
1600 A BP switch	125
BP GFP	30
BP electric trip	10
Total Weight	700

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