

# 1.2

## Loadcenters and Circuit Breakers

### Type BR Loadcenters and Circuit Breakers

1

3BR3030N100



3BR4242N225NY



### Three-Phase, Four-Wire—Convertible Loadcenters—Aluminum Bus—208Y/120 Vac or 240 Vac, Insulated/Bondable Split Neutral

Main Ampere Rating <sup>①</sup>	Maximum Number 1-Inch (25.4 mm)		Enclosure Type	Box Size	Wire Size Range Cu/Al 60 °C or 75 °C for Main	Loadcenter Catalog Number <sup>②③</sup> (With Combination or NEMA Type 3R Cover)
	Spaces	Circuits				
100 <sup>④</sup>	30	30	Indoor	D1	See main breaker and main lug kit tables below.	3BR3030N100 <sup>⑤</sup>
	30	30	Outdoor	D1R		3BR3030N100R <sup>⑤⑥</sup>
125 <sup>④</sup>	12	24	Indoor	C1		3BR1224N125 <sup>⑤⑥⑦</sup>
	12	24	Outdoor	C1R		3BR1224N125R <sup>⑤⑥⑦⑧</sup>
200	30	42	Indoor	L1		3BR3042N200
225	42	42	Indoor	L2		3BR4242N225
	42	42	Indoor	B		3BR4242B225NY <sup>⑨</sup>

### Three-Phase Main Breaker Kits—10 kAIC

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C	Catalog Number
100	#6–4/0	CC3100N
125	#6–4/0	CC3125N
150	#6–4/0	CC3150N
175	#2/0–300 kcmil	CC3175N
200	#2/0–300 kcmil	CC3200N
225	#2/0–300 kcmil	CC3225N

### Three-Phase Main Lugs Kit for Convertible Loadcenters

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C	Catalog Number
225	#1–300 kcmil	3BRL225
225	#1–300 kcmil	3BRS225 <sup>Ⓣ</sup>

#### Notes

- ① The maximum rating of the loadcenter is the main circuit breaker rating when used as service entrance equipment.
- ② 100, 125 and 200 A convertible base unit catalog numbers include interior, box and cover only. Main devices and accessories must be ordered separately for field installation.  
All convertible base units are listed as suitable for use as service entrance equipment when used per Article 384 of the NEC.
- ③ Ground bar kits priced separately. See **Page V1-T1-66**.
- ④ For main breaker, use Type BR. For main lug, use Type BRSF.
- ⑤ BREQS125 hold-down screw comes with loadcenter for back-fed Types BR and BRH main circuit breakers.
- ⑥ Rainproof loadcenters are furnished with hub closure plates. For rainproof hubs, refer to **Page V1-T1-66**.
- ⑦ Convertible to maximum of 100 A main circuit breaker and 125 A main lug.
- ⑧ Suitable for use as service equipment when not more than six main disconnecting means are provided and when not used as a lighting and appliance panelboard (see Article 408.34 of the NEC).
- ⑨ Order 3BR42FTNY or 3BR42STNY cover separately.
- Ⓣ For subfeed.

Box sizes **Pages V1-T1-67** through **V1-T1-70**.