

# 1.2

## Loadcenters and Circuit Breakers

### Type BR Loadcenters and Circuit Breakers

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#### Convertible Loadcenters MCB or MLO—Base Units and Main Devices 10/22/25 kAIC, Complete Assembly Consists of: Loadcenter and Either Main Breaker Kit or Main Lug Kit

**Note:** Interrupting rating depends on main circuit breaker selected.

#### BW2200



#### Main Devices—Two- and Three-Pole Main Circuit Breakers—120/240 Vac or 208Y/120 Vac or 240 Vac

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C for Main Breaker	10 kAIC Catalog Number	22/25 kAIC Catalog Number ①
<b>Two-Pole</b>			
100	#4–1/0	BR2100	BRH2100
110	#4–1/0	BR2110	BRH2110
125	#4–2/0	BR2125	BRH2125
125	#2–300 kcmil	BW2125	CSR2125N
150	#2–300 kcmil	BW2150	CSR2150N
175	#2–300 kcmil	BW2175	CSR2175N
200	#2–300 kcmil	BW2200	CSR2200N
<b>Three-Pole</b>			
100	#1	BR3100	BRH3100

#### BRL200



#### Main Devices—Two- and Three-Pole Main Lug Kits—120/240 Vac or 208Y/120 Vac or 240 Vac

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C for Main Lugs	Catalog Number
<b>Two-Pole</b>		
125	#6–2/0	BRSF125
150	#1–300 kcmil	BRL200
175	#1–300 kcmil	BRL200
200	#1–300 kcmil	BRL200
<b>Three-Pole</b>		
150	#6–3/0	3BRSF150

#### Main Circuit Breaker with Accessory

Example: BW22005R01 (Put description with catalog number on order. See **Page V1-T1-87.**)

#### Main Circuit Breaker Loadcenters—Copper Bus 10/22/25 kAIC

#### BR3030BC100



#### Main Circuit Breaker Loadcenters—With Copper Bus—Single-Phase Three-Wire—120/240 Vac—Insulated/Bondable Split Neutral

Main Breaker Type	Main Ampere Rating	Maximum Number 1-Inch (25.4 mm)		Enclosure Type	Box Size	Wire Size Range Cu/Al 60 °C or 75 °C for Main Breaker	Loadcenter Catalog Number with Combination Cover ②③
		Spaces	Circuits				
BR 10 kAIC	100	20	20	Indoor	C2	#4–1/0	BR2020BC100
		30	30	Indoor	D1	#4–1/0	BR3030BC100
BRH 22 kAIC ④	100	30	30	Indoor	D1	#4–1/0	BR3030HC100
		150		30	30	Indoor	G1
CSR 25 kAIC	200	20	40	Indoor	D1	#2–300 kcmil	BR2040BC200
		30	40	Indoor	G1	#2–300 kcmil	BR3040BC200
		40	40	Indoor	L1	#2–300 kcmil	BR4040BC200

#### Main Lug Only Loadcenters—Copper Bus

#### BR816LC125FDP



#### Single-Phase Three-Wire—120/240 Vac—Insulated/Bondable Single Neutral with Copper Bus

Main Ampere Rating	Maximum Number 1-Inch (25.4 mm)		Enclosure Type	Trim Type	Box Size	Wire Size Range Cu/Al 60 °C or 75 °C for Main Lugs	Loadcenter Catalog Number
	Spaces	Circuits					
125	8	16	Indoor	Surface (with door)	7	#14–1	BR816LC125SDP
	8	16	Indoor	Flush (with door)	7		BR816LC125FDP

#### Notes

- ① Series combination rating with Types BD, BR, BQ, BQC and GFTCB is 22 kAIC with BRH main and 25 kAIC with CSR main.
  - ② All main circuit breaker loadcenters are listed for use as service entrance equipment and are shipped with neutral bonding strap preattached. The maximum rating of the panel is the main circuit breaker rating when used as service entrance equipment.
  - ③ Ground bar kits priced separately. See **Page V1-T1-68.**
  - ④ 22 kAIC series combination rating is obtained when Types BD, BR, BQ, BQC and GFTCB 10 kAIC branch breakers are used in series with Type BRH main breaker.
- Box sizes **Pages V1-T1-73** through **V1-T1-76.**