

#### 1

#### Product Selection

#### Single-Phase—Main Circuit Breaker Loadcenters—10/25 kAIC

BR4040B200



#### 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 <sup>①</sup> or NEMA Type 3R Cover			
		Spaces	Circuits							
BR 10 kAIC	100	8	16	Indoor	B1	#4–1/0 <sup>②</sup>	BR816B100			
		10	20	Indoor	A1		BR1020B100S11			
		10	20	Indoor	A1		BR1020B100F11			
		10	20	Outdoor	B2R		BR1020B100RF <sup>③④</sup>			
		12	12	Indoor	B2		BR1212B100			
		12	20	Indoor	B2		BR1220B100			
		12	24	Outdoor	B2R		BR1224B100R <sup>④</sup>			
		16	16	Indoor	C1		BR1616B100			
		16	20	Indoor	C1		BR1620B100			
		16	24	Outdoor	C1R		BR1624B100R <sup>④</sup>			
		20	24	Outdoor	C3R		BR2024B100R <sup>④</sup>			
		20	20	Indoor	C2		BR2020B100			
	16	24	Indoor	C1	BR1624B100					
	30	30	Indoor	D1	BR3030B100					
	125	125	16	24	Indoor	C1	#4–2/0	BR1624B125		
			20	24	Indoor	C1		BR2024B125		
			20	24	Outdoor	C3R		BR2024B125R <sup>④</sup>		
			30	30	Indoor	D1		BR3030B125		
	BRH <sup>⑤</sup> 22 kAIC	100	20	24	Indoor	C2	#4–1/0	BR2024H100 <sup>⑤</sup>		
CSR <sup>⑥</sup> 25 kAIC	150	8	16	Outdoor	C3R	#2–300 kcmil	BR816B150RF <sup>③④</sup>			
		16	30	Indoor	C4		BR1630B150			
		20	30	Indoor	C4		BR2030B150			
		20	30	Outdoor	D1R		BR2030B150R <sup>④</sup>			
		20	40	Indoor	D1		BR2040B150			
		20	40	Outdoor	D1R		BR2040B150R <sup>④</sup>			
		24	30	Indoor	G1		BR2430B150			
		30	30	Outdoor	G1R		BR3030B150R <sup>④</sup>			
		30	30	Indoor	G1		BR3030B150			
		30	40	Indoor	G1		BR3040B150			
		200	200	4	8		Outdoor	8R	#2–300 kcmil	BR48B200RF <sup>③⑦⑧</sup>
				8	16		Outdoor	C3R		BR816B200RF <sup>③④</sup>
	16			32	Indoor	C4	BR1632B200			
	20			40	Outdoor	D1R	BR2040B200R <sup>④</sup>			
	20			40	Indoor	D1	BR2040B200			
	24			40	Indoor	G1	BR2440B200			
	30			40	Outdoor	G1R	BR3040B200R <sup>④</sup>			
	30			40	Indoor	G1	BR3040B200 <sup>⑨</sup>			
	225	225	40	40	Outdoor	L1R	#1–250 kcmil	BR4040B200R <sup>④</sup>		
40			40	Indoor	L1	BR4040B200				
40			50	Indoor	L1	BR4050B200				
60			120	Indoor	L3	BR60120B200				
60			120	Outdoor	L3R	BR60120B200R				
42			42	Indoor	L2	BR4242B225				
42	42	Outdoor	L2R	BR4242B225R <sup>④</sup>						

#### Notes

- ① Combination style covers may be used in surface or flush applications.
- ② Wire range size for BR1020B100SP is #6–#1 Cu/Al.
- ③ Includes through-feed lugs for both phase and neutral conductors.
- ④ Rainproof panels are furnished with hub closure plates. For rainproof hubs, refer to **Page V1-T1-68**.
- ⑤ 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.
- ⑥ 25 kAIC series combination rating is obtained when Types BD, BR, BQ, BQC and GFTCB 10 kAIC branch circuit breakers are used in series with Type CSR main breaker.
- ⑦ Supplied with adapter plate to use DS Group1 hubs on **Page V1-T1-68**. If 2.50-inch (63.5 mm) hub is needed, remove adapter and use ARP00007CH25 hub.
- ⑧ Neutral is bonded—suitable for service entrance only—cannot be converted for sub-feed application.
- ⑨ Add G to the end of the catalog number for factory-installed GBK2120 ground bar.

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. Ground bar kits priced separately. See **Page V1-T1-68**.