

# 1.2

## Loadcenters and Circuit Breakers

### Type BR Loadcenters and Circuit Breakers

1

#### Single-Phase—Main Lug Loadcenters

#### Single-Phase Three-Wire—120/240 Vac—Insulated/Bondable Split Neutral

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										
70	Surface	Outdoor	Indoor	Surface (no door)	5	#8-#2	BR24L70SP <sup>①②</sup>					
			Indoor	Surface (no door)	5		BR24L70SGP <sup>②③</sup>					
	Outdoor	—	5R	BR24L70RP <sup>①②④</sup>								
	Indoor	Flush (no door)	5	BR24L70FP <sup>①②</sup>								
	Indoor	Flush (no door)	5	BR24L70FGP <sup>②⑤</sup>								
125	Flush	Outdoor	Indoor	Surface (no door)	6	#14-1/0	BR24L125SP <sup>①②</sup>					
			Outdoor	—	6R		BR24L125RP <sup>①②④</sup>					
			Outdoor	—	6R		BR24L125RSEP <sup>②⑦⑧</sup>					
			Outdoor	—	6R		BR24L125RSE2P <sup>②⑥⑦</sup>					
			Indoor	Flush (no door)	6		BR24L125FP <sup>①②</sup>					
	Surface (No Door)	—	—	Indoor	Surface (no door)	7	#14-1/0	BR48L125SP <sup>①⑨</sup>				
				Indoor	Surface (no door)	7		BR48L125SGP <sup>③⑨</sup>				
				Outdoor	—	7R		BR48L125RP <sup>①④⑨</sup>				
				Indoor	Flush (no door)	7		BR48L125FP <sup>①⑨</sup>				
				Indoor	Flush (with door)	7		BR48L125FDP <sup>①⑨</sup>				
				Indoor	Flush (no door)	7		BR48L125FGP <sup>③⑨</sup>				
				Flush (No Door)	—	—		Indoor	Surface (no door)	7	#14-#1	BR612L125SP <sup>①⑩</sup>
								Indoor	Surface (no door)	7		BR612L125SGP <sup>⑩⑪</sup>
								Indoor	Surface (with door)	7		BR612L125SDP <sup>①⑩</sup>
								Indoor	Surface (with door)	7		BR612L125SDGP <sup>⑩⑪</sup>
	Outdoor	—	7R				BR612L125RP <sup>①④⑩</sup>					
	Outdoor	—	—	Indoor	Flush (no door)	7	#14-#1	BR612L125FP <sup>①⑩</sup>				
				Indoor	Flush (no door)	7		BR612L125FGP <sup>⑤⑩⑪</sup>				
				Indoor	Flush (with door)	7		BR612L125FDP <sup>⑩</sup>				
				Indoor	Flush (with door)	7		BR612L125FDGP <sup>⑤⑩⑪</sup>				
Indoor				Surface (no door)	7	#14-#1		BR816L125SP <sup>①⑩</sup>				
Indoor				Surface (no door)	7			BR816L125SGP <sup>⑩⑫</sup>				
Indoor				Surface (with door)	7			BR816L125SDP <sup>①⑩</sup>				
Indoor				Surface (with door)	7			BR816L125SDGP <sup>⑩⑫</sup>				
Outdoor				—	7R			BR816L125RP <sup>①④⑩</sup>				
—				—	—	Indoor		Flush (no door)	7	#14-#1	BR816L125FP <sup>①⑩</sup>	
	Indoor	Flush (no door)	7			BR816L125FGP <sup>⑤⑩⑫</sup>						
	Indoor	Flush (with door)	7			BR816L125FDP <sup>①⑩</sup>						
	Indoor	Flush (with door)	7			BR816L125FDGP <sup>⑤⑩⑫</sup>						
	Indoor	Flush (with door)	7			BR816L125FDP <sup>①⑩</sup>						
	Indoor	Flush (with door)	7			BR816L125FDGP <sup>⑤⑩⑫</sup>						
	Indoor	Flush (with door)	7			BR816L125FDP <sup>①⑩</sup>						
	Indoor	Flush (with door)	7			BR816L125FDGP <sup>⑤⑩⑫</sup>						

#### Notes

- ① Ground bar kits priced separately. See **Page V1-T1-65**.
  - For 2/4 circuit loadcenters, use GBK5 or GBK520 ground bar.
  - For 4/8, 6/12 and 8/16 circuit loadcenters, use GBK10 ground bar.
  - Ground bars mount to the left side wall of the enclosure for the 4/8, 6/12 and 8/16 circuit loadcenters.
- ② Suitable for use as service equipment when not more than two service disconnecting mains are provided or when not used as a lighting and appliance panelboard (see Article 408.34 of the NEC).
- ③ Ground bar GBK5 is installed.
- ④ Rainproof panels are furnished with hub closure plates. For rainproof hubs, refer to **Page V1-T1-65**.
- ⑤ CSA and UL approved.
- ⑥ Neutral/ground holes (6) #14-6 and (3) #14-2/0 AWG Cu/Al.
- ⑦ For use as service entrance applications only.
- ⑧ Neutral/ground holes (6) #14-6 and (3) #14-1/0 AWG Cu/Al.
- ⑨ Suitable for use as service equipment when not more than two service disconnecting mains are provided or when not more than six service disconnecting mains are provided and when not used as a lighting and appliance panelboard (see Article 408.34 of the NEC).
- ⑩ Suitable for use as service equipment when a main breaker is used or when not more than six service disconnecting mains are provided and when not used as a lighting and appliance panelboard (see Article 408.34 of the NEC).
- ⑪ Ground bar GBK10 is installed.
- ⑫ Ground bar GBK14 is installed.

Box sizes **Pages V1-T1-66 through V1-T1-69**.