

Type BR Loadcenter**Optimized Knockouts**

- Knockout locations for additional access
- Easier to remove

Smooth Case Edges

- Provides a more professional look and feel

Top or Bottom Feed

- Straight-in wiring saves labor and material
- One panel for either top or bottom applications

Plug-On Neutral

- Eliminates the pigtail connection providing time and labor savings
- Provides a professional installation

2/0 Lug

- Easily removable and can be installed in any location on the neutral bar

Type BR AFCI Breakers

- Compact design for easier wiring improved wireway access
- Optional LED indicates one of six trip codes for circuit diagnostics
- Provides a clean gutter space

Inboard Neutral

- Increases gutter space to allow for the professional installation of conductors

Standard Tin-Plated Aluminum Bus

- Excellent conductivity and corrosion resistance
- Copper bus options available for select catalog numbers

Drywall Offset on Both Sides of the Enclosure

- Allow for faster installation using predetermined self-leveling tabs

"Tangential" Center Knockout

- Easier installation for conduit applications

Commercial Grade Main Breaker

- 25 kAIC series rated main breaker for superior protection

Common Drive Types

- Minimizes number of tools required for installation as the neutral bar and breaker screws will share a common drive type

Grounding Screw

- Provides a quick and easy means of bonding the neutral and ground

Twin Neutral Bars

- Minimum 150% neutral capacity

Backed Out Neutral Screws

- Allows for quick connection of neutral and ground conductors

Cover Features not Shown:

- Cover Keyhole Hanging Feature
- Ease of cover installation

Rigid Center Cover Spine

- Provides strength when twistouts are removed

Improved Cover Twist-Outs

- Easier to remove twistouts

Embossed Cover Circuit Numbers

- Durable circuit numbering with added marking for twin breakers

Single Keyhole Mounting

- One keyhole at the top and bottom provides easier mounting and leveling

Warranty

10-year warranty on all Type BR loadcenters and circuit breakers.

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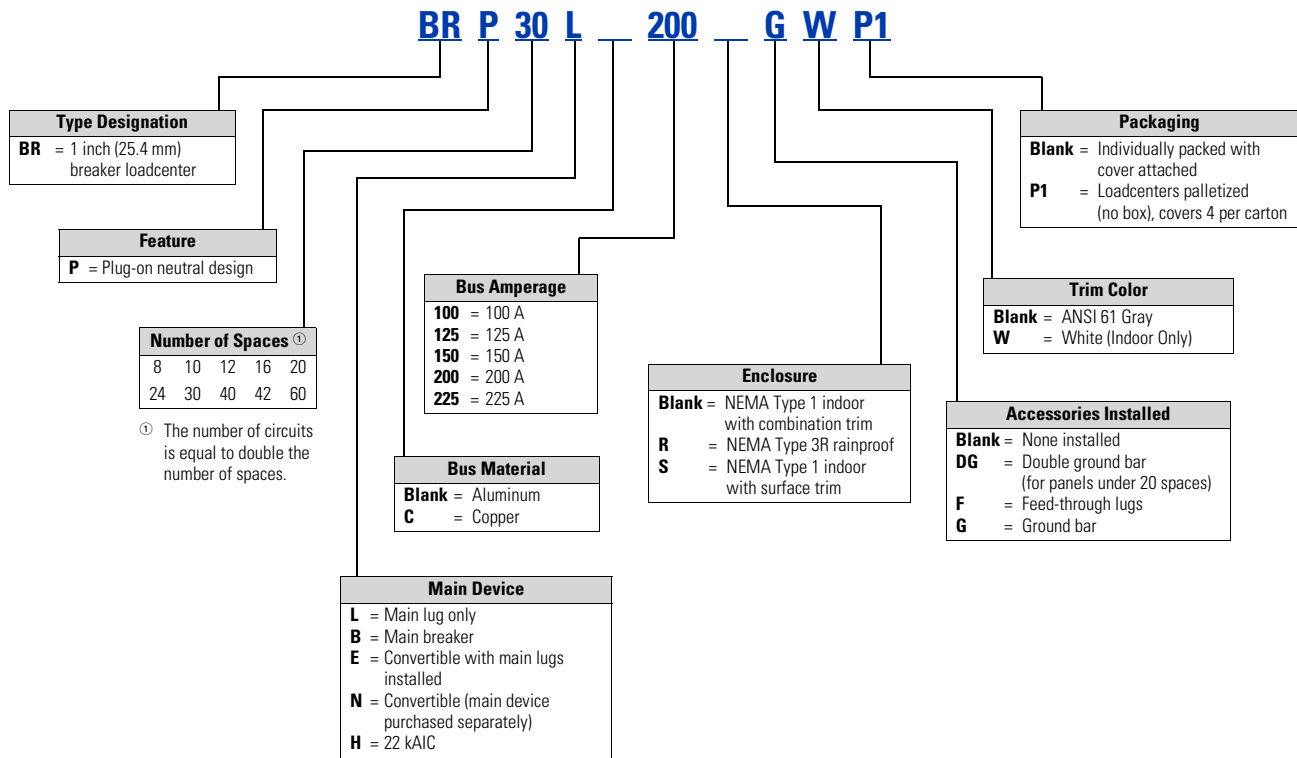
Loadcenters and Circuit Breakers

Type BR Loadcenters and Circuit Breakers

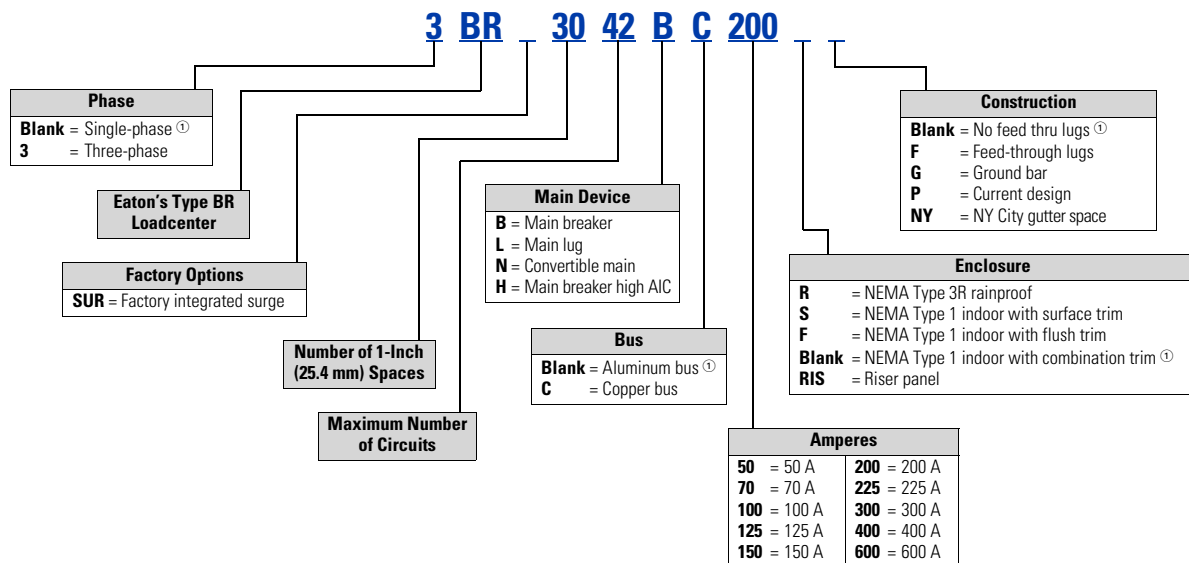
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Catalog Number Selection

Single-Phase Plug-on Neutral Loadcenters








Single- and Three-Phase Legacy Loadcenters



Note

① No character space used.

Single-Phase—Main Lug Loadcenters—Small Space**Single-Phase Three-Wire—120/240 Vac—Insulated/Bondable Split Neutral**

		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
Main Ampere Rating		Spaces	Circuits					
Surface Outdoor 	70	2	4	Indoor	Surface (no door)	5	#8–#2	BR24L70SP ①②
		2	4	Indoor	Surface (no door)	5		BR24L70SGP ②③
		2	4	Outdoor	—	5R		BR24L70RP ①②④
		2	4	Indoor	Flush (no door)	5		BR24L70FP ①②
		2	4	Indoor	Flush (no door)	5		BR24L70FGP ②⑤
Flush Outdoor 	125	2	4	Indoor	Surface (no door)	6	#14–1/0	BR24L125SP ①②
		2	4	Outdoor	—	6R		BR24L125RP ①②④
		2	4	Outdoor	—	6R		BR24L125RSEP ②⑦⑧
		2	4	Outdoor	—	6R		BR24L125RSE2P ②⑥⑦
		2	4	Indoor	Flush (no door)	6		BR24L125FP ①②
Surface (No Door) 		4	8	Indoor	Surface (no door)	7	#14–1/0	BR48L125SP ①⑨
		4	8	Indoor	Surface (no door)	7		BR48L125SGP ③⑨
		4	8	Outdoor	—	7R		BR48L125RP ①④⑨
		4	8	Indoor	Flush (no door)	7		BR48L125FP ①⑨
		4	8	Indoor	Flush (with door)	7		BR48L125FDP ①⑨
Flush (No Door) 		4	8	Indoor	Flush (no door)	7	#14–#1	BR48L125FGP ③⑨
		6	12	Indoor	Surface (no door)	7		BR612L125SP ①⑩
		6	12	Indoor	Surface (no door)	7		BR612L125SGP ⑩⑪
		6	12	Indoor	Surface (with door)	7		BR612L125SDP ①⑩
		6	12	Indoor	Surface (with door)	7		BR612L125SDGP ⑩⑪
Outdoor 		6	12	Outdoor	—	7R		BR612L125RP ①④⑩
		6	12	Indoor	Flush (no door)	7		BR612L125FP ①⑩
		6	12	Indoor	Flush (no door)	7		BR612L125FGP ⑤⑩⑪
		6	12	Indoor	Flush (with door)	7		BR612L125FDP ⑩
		6	12	Indoor	Flush (with door)	7		BR612L125FDGP ⑤⑩⑪
		8	16	Indoor	Surface (no door)	7	#14–#1	BR816L125SP ①⑩
		8	16	Indoor	Surface (no door)	7		BR816L125SGP ⑩⑪
		8	16	Indoor	Surface (with door)	7		BR816L125SDP ①⑩
		8	16	Indoor	Surface (with door)	7		BR816L125SDGP ⑩⑪
		8	16	Outdoor	—	7R		BR816L125RP ①④⑩
		8	16	Indoor	Flush (no door)	7		BR816L125FP ①⑩
		8	16	Indoor	Flush (no door)	7		BR816L125FGP ⑤⑩⑩
		8	16	Indoor	Flush (with door)	7		BR816L125FDP ①⑩
		8	16	Indoor	Flush (with door)	7		BR816L125FDGP ⑤⑩⑩
		8	16	Indoor	Flush (with door)	7		BR816L125FDGP ⑤⑩⑩

Notes

- ① Ground bar kits priced separately. See **Page V1-T1-71**.
 - 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.
- ③ Ground bar GBK5 is installed.
- ④ Rainproof panels are furnished with hub closure plates. For rainproof hubs, refer to **Page V1-T1-71**.
- 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.
- 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.
- ⑪ Ground bar GBK10 is installed.
- ⑫ Ground bar GBK14 is installed.

Box sizes **Pages V1-T1-77** through **V1-T1-81**.