

BR Renovation and CH Loadcenters



Loadcenters

|                                                               |           |
|---------------------------------------------------------------|-----------|
| Product Description . . . . .                                 | V12-T5-2  |
| Product History . . . . .                                     | V12-T5-2  |
| Type CH Family . . . . .                                      | V12-T5-2  |
| Type BR Family . . . . .                                      | V12-T5-2  |
| Product History Time Line . . . . .                           | V12-T5-3  |
| Replacement Capabilities . . . . .                            | V12-T5-4  |
| Type CH Replacement Parts and Mechanical Interlocks . . . . . | V12-T5-4  |
| Type CH Vintage Replacement Covers . . . . .                  | V12-T5-12 |
| Type BR Replacement Parts and Covers . . . . .                | V12-T5-14 |
| Classified Replacement Breakers . . . . .                     | V12-T5-24 |
| Type CL and CHQ . . . . .                                     | V12-T5-24 |
| Type CHNT . . . . .                                           | V12-T5-24 |
| Type CTL and CHT . . . . .                                    | V12-T5-24 |
| Technology Upgrades . . . . .                                 | V12-T5-25 |
| Renovation Loadcenter . . . . .                               | V12-T5-25 |
| Plug-On Neutral . . . . .                                     | V12-T5-26 |
| Retrofit Interiors . . . . .                                  | V12-T5-27 |
| Surge Panel . . . . .                                         | V12-T5-29 |
| Further Information . . . . .                                 | V12-T5-30 |
| Pricing Information . . . . .                                 | V12-T5-30 |

## Product Description

Loadcenters are enclosed assemblies used for power distribution and circuit protection in residential, commercial and light industrial applications. The assembly consists of an enclosure, an interior assembly and a cover. The interior assembly consists of a backpan where the bus assembly is mounted. Incoming power is terminated at main lugs or a main circuit breaker. Load circuit protection is provided by molded-case circuit breakers that plug onto the

bus assembly. Loadcenters are used on services providing no more than 240 Vac, and are available with bus rated from 40 to 600A. Loadcenter covers are available as surface, flush or combination.

## Product History

### Type CH Family

Eaton's electrical business began manufacturing the CH series of loadcenters and circuit breakers in 1962. Changes have occurred over the years due to code changes, UL® listed

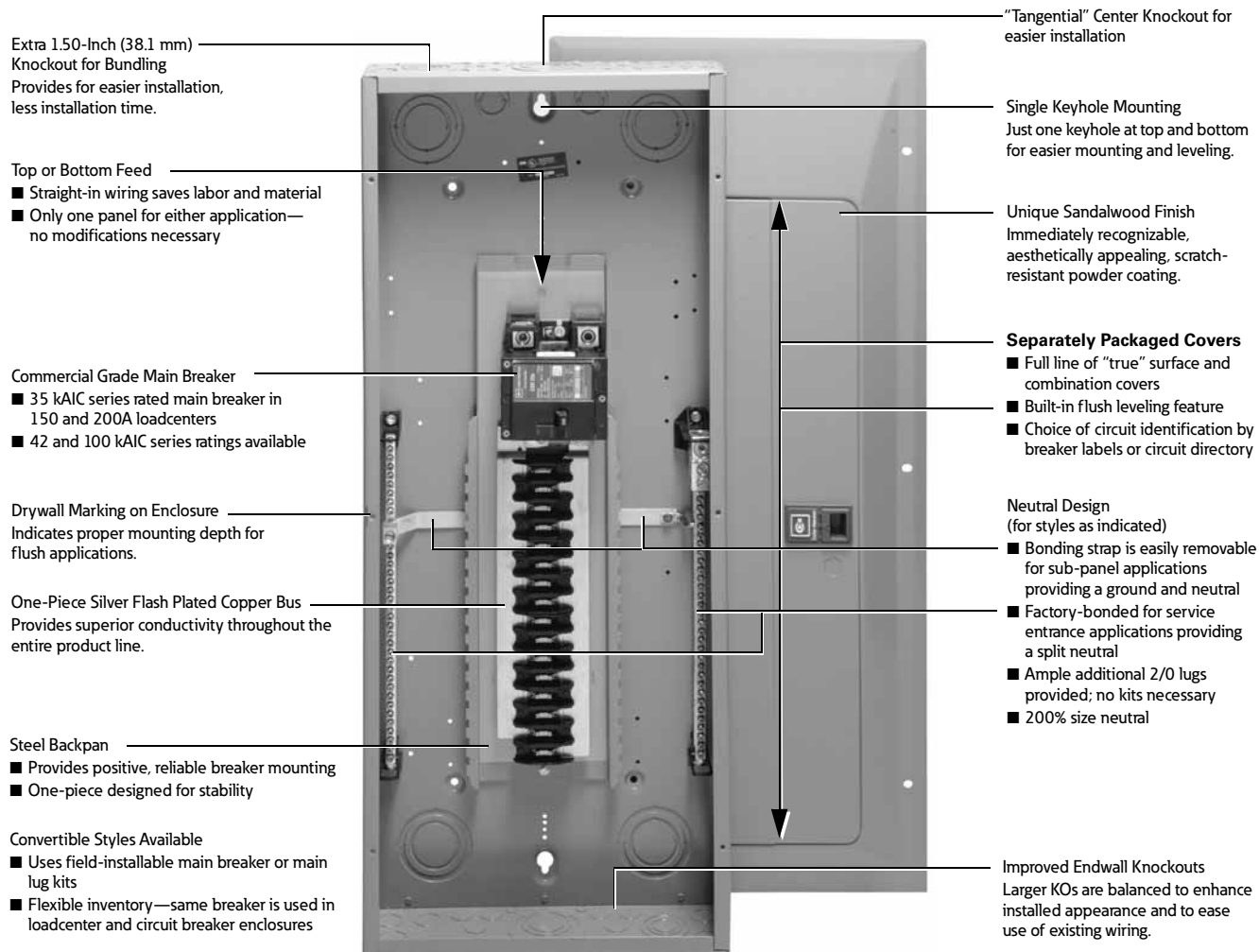
requirements and product enhancements. Three major design changes occurred in 1969, 1982 and 1995. The 3/4-inch wide feeder circuit breakers, silver flash plated copper bus, sandalwood (tan) painted box and industry-leading warranties have been the trademarks of this premium product through the years.

### Type BR Family

With the acquisition of Westinghouse's Distribution and Control Business Unit (DCBU) in 1994, Eaton gained the circuit breaker and loadcenter manufacturing

and marketing operations of Westinghouse. Prior to 1989, these products were manufactured by Westinghouse's Bryant subsidiary in Bridgeport, CT. The products from this facility bore the Westinghouse and Bryant nameplates. In 1988, Westinghouse purchased Challenger Electric, redesigned the product, and moved all production from Bridgeport to Jackson, MS. As Eaton integrated the product lines in 1995, all loadcenter production shifted to the Lincoln, IL, facility.

## Type CH Loadcenter



## GBK14

## Replacement Ground Bar Kits



Description (See Legend)

|                       | Length<br>Inches (mm) | Ordering<br>Quantity <sup>①</sup> | Catalog<br>Number        |
|-----------------------|-----------------------|-----------------------------------|--------------------------|
| ●○○○○●○               | 2.54 (64.5)           | 1                                 | GBK5 <sup>②</sup>        |
| ●○○○○●■               | 3.59 (91.2)           | 1                                 | GBK520 <sup>②</sup>      |
| ●○○○○●○○○○            | 4.29 (109.0)          | 1                                 | GBK10 <sup>②</sup>       |
| ●○○○○●○○○○■           | 5.34 (135.6)          | 1                                 | GBK1020 <sup>②</sup>     |
| ●○○○○■●○○○○■          | 4.61 (117.1)          | 1                                 | GBK13 <sup>②</sup>       |
| ●○○○○●○○○○○○○○        | 5.69 (144.5)          | 1                                 | GBK14 <sup>②</sup>       |
| ●○○○○●○○○○○○○○■       | 6.74 (171.2)          | 1                                 | GBK1420 <sup>②</sup>     |
| ●○○○○●○○○○○○○○○○○○    | 8.14 (206.8)          | 1                                 | GBK21 <sup>②</sup>       |
| ●○○○○●○○○○○○○○○○○○■   | 9.19 (233.4)          | 1                                 | GBK2120 <sup>②</sup>     |
| ○○○○○○○○●○○○○○○○○○○○○ | 7.94 (201.7)          | 1                                 | CH9GP21 <sup>③④</sup>    |
| ○■○■○■○■○■○■○■○■○■    | 5.78 (146.8)          | 1                                 | BRGBK39512 <sup>⑤⑥</sup> |
| ○○○○○                 | 1.84 (46.7)           | 1                                 | GB4NM <sup>⑦</sup>       |

Ground Bar  
Legend

- = (3) #14–#10 Cu/Al or (1) #14–#4 Cu/Al
- = (1) #6–2/0 Cu/Al
- = (1) 1/0–14 or (3) #10–12 Cu/Al
- ◐ = (1) #14–1/0 Cu/Al or (3) #14–#10 Cu/Al
- = Mounting hole

## Product History Time Line

## Originally a Cutler-Hammer Product—3/4-Inch Non-Interchangeable Product Line

| Type                              | Design Features                                                                                                     | 1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | Present |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|---------|
| Current Vintage (CH) <sup>⑧</sup> | Door latch is tan plastic, twin neutrals, CH8_S or F. (Blank is 1 letter indicating box size, i.e., B, C, E, J, K.) |      |      |      |      |      |      |      |      |      |         |
| Vintage-1 (CH1) <sup>⑧</sup>      | Metal latch, single neutral, CH7_S or F. (Blank is 2 letters indicating box size, i.e., BB, CC, JJ, KK.)            |      |      |      |      |      |      |      |      |      |         |
| Vintage-2 (CH2) <sup>⑧</sup>      | Cover catalog numbers CH7_S or F. (Blank is 1 letter indicating box size, i.e., B, C, D, 3, G, J, K.)               |      |      |      |      |      |      |      |      |      |         |

## Originally a Westinghouse Product—1-Inch Interchangeable Product Line

| Type                              | Design Features                          | 1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | Present |
|-----------------------------------|------------------------------------------|------|------|------|------|------|------|------|------|------|---------|
| Current Vintage (BR) <sup>⑧</sup> | Catalog numbers start with "BR" or "3BR" |      |      |      |      |      |      |      |      |      |         |
| Vintage-1 (BR1) <sup>⑧</sup>      | Twin neutral, combination trim           |      |      |      |      |      |      |      |      |      |         |
| Vintage-2 (BR2) <sup>⑧</sup>      | Single neutral, combination trim         |      |      |      |      |      |      |      |      |      |         |
| Vintage-3 (BR3) <sup>⑧</sup>      | Single neutral, surface or flush trim    |      |      |      |      |      |      |      |      |      |         |

## Notes

- <sup>①</sup> Must be purchased in multiples of ordering quantities indicated.
- <sup>②</sup> Distance between mounting holes is 1.75 inches (44.5 mm).
- <sup>③</sup> For single- and three-phase 400 A loadcenters.
- <sup>④</sup> Distance between mounting holes is 2.40 inches (61.0 mm).
- <sup>⑤</sup> For single- and three-phase 400 and 600 A applications.
- <sup>⑥</sup> Distance between mounting holes is 2.34 inches (59.5 mm).
- <sup>⑦</sup> For non-metallic enclosures. Snaps into molded base.
- <sup>⑧</sup> CH and BR are the current product designations. CH1, CH2, BR1, BR2 and BR3 are used only to identify previous generations of the product described in the replacement capabilities chart above. These are not actual product designations.

## Replacement Capabilities

## Replacement Capabilities

| Type                            | Loadcenter Generations |     |     |    |     |     |     |
|---------------------------------|------------------------|-----|-----|----|-----|-----|-----|
| Part ①                          | CH                     | CH1 | CH2 | BR | BR1 | BR2 | BR3 |
| Breakers                        | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Surge arresters                 | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Covers                          | ■                      | ■   |     | ■  | ■   |     |     |
| Deadfronts (NEMA® 3R)           | ■                      | ■   |     | ■  | ■   |     |     |
| Door assemblies (NEMA 3R)       | ■                      | ■   |     | ■  | ■   |     |     |
| MCB kits                        | ■                      | ■   |     | ■  | ■   |     |     |
| Neutral bars                    | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Ground bars                     | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Breaker accessories             | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Labels                          | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Lugs                            | ■                      | ■   |     | ■  | ■   |     |     |
| Door locks                      | ■                      | ■   | ■   | ■  |     |     |     |
| Door latches                    | ■                      |     |     | ■  |     |     |     |
| Paint                           | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Closure plates                  | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |
| Hubs                            | ■                      | ■   |     | ■  | ■   |     |     |
| Spare parts kit                 | ■                      |     |     | ■  |     |     |     |
| Whole house AC surge protection | ■                      | ■   | ■   | ■  | ■   | ■   | ■   |

## Type CH Replacement Parts

|                                                                                     | Description                                                                     | Ordering Quantity ② | Catalog Number |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------|----------------|
|  | CHSF2125 Subfeed lug blocks—two-pole, 125 A, 3/4-inch (19.1 mm) spaces needed   | 1                   | CHSF2125       |
|  | CHSF3125 Subfeed lug blocks—three-pole, 125 A, 3/4-inch (19.1 mm) spaces needed | 1                   | CHSF3125       |
|  | NL20 Neutral/ground lug—add-on neutral or ground lug                            | 1                   | NL20           |
|  | NL30 Neutral/ground lug—add-on neutral or ground lug                            | 1                   | NL30           |
|  | NL300 Neutral/ground lug—add-on neutral or ground lug                           | 1                   | NL300          |
|  | CHFP Filler plates—3/4-inch (19.1 mm) space circuit breaker space               | 25                  | CHFP           |

## Notes

① Catalog number of loadcenter required to obtain correct part.

② Must be purchased in multiples of ordering quantities indicated.

## Type CH Replacement Parts, continued

|                                                                                                     | Description                                                            | Ordering Quantity <sup>①</sup> | Catalog Number               |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------|------------------------------|
| <b>CSRFP</b><br>   | CSR main circuit breaker filler plate (with hardware)                  | 1                              | <b>CSRFP</b>                 |
| <b>TDL</b><br>     | Door lock—12–42 circuits, and 100–225 A                                | 1                              | <b>TDL</b>                   |
| <b>SPCSW</b><br>   | Sandlewood spray paint                                                 | 1                              | <b>SPCSW</b>                 |
| <b>SPC61</b><br>   | ANSI-61 light gray touchup paint for outdoor loadcenters               | 1                              | <b>SPC61</b>                 |
| <b>BINA</b><br>   | Isolated neutral assembly (computer circuits)                          | 1                              | <b>BINA</b>                  |
| <b>TCD</b><br>   | Circuit directory—adhesive backed                                      | 10                             | <b>TCD</b>                   |
| <b>LCCS</b><br>  | Cover screws                                                           | 25                             | <b>LCCS</b>                  |
| <b>CHRLS</b><br> | Cover replacement latch 14-5/16 inch (363.55 mm) wide loadcenters only | 1                              | <b>CHRLS</b>                 |
|                                                                                                     | Cover replacement latch 14-5/16 inch (363.55 mm) wide loadcenters only | 1                              | <b>CHRLS (white version)</b> |

**Note**

<sup>①</sup> Must be purchased in multiples of ordering quantities indicated.

## Type CH Replacement Parts, continued

|                                                                                                         | Description                                                               | Ordering Quantity <sup>①</sup> | Catalog Number   |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------|------------------|
| <b>CHMS</b><br>        | Circuit marking strip (next to breakers)                                  | 1                              | <b>CHMS</b>      |
| <b>CHBL</b><br>        | Circuit identification label (preprinted breaker labels next to breakers) | 10                             | <b>CHBL</b>      |
| <b>SRL</b><br>         | Series rated caution label                                                | 25                             | <b>SRL</b>       |
| <b>CHNS</b><br>        | Branch circuit numbering strip                                            | 25                             | <b>CHNS</b>      |
| <b>BSSUSE</b><br>      | Bonding strap with screw                                                  | 20                             | <b>BSSUSE</b>    |
| <b>CH125RB</b><br>   | 125 A retainer bracket for sub-fed devices                                | 1                              | <b>CH125RB</b>   |
| <b>CH3RLATCH</b><br> | Replacement lock 400 A devices                                            | 1                              | <b>52-2751</b>   |
|                                                                                                         | Replacement latch for NEMA 3R—four circuits and above                     | 1                              | <b>CH3RLATCH</b> |
|                                                                                                         | Lock for vintage CH7 cover                                                | 1                              | <b>CH9FL</b>     |

**Note**

<sup>①</sup> Must be purchased in multiples of ordering quantities indicated.

## Breaker Replacement Accessories

|                                                                                     | Description                                                                                                                                                                                                                 | Ordering Quantity <sup>①</sup> | Catalog Number   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------|
| <b>CHHT</b>                                                                         | <b>Handle Ties <sup>②</sup></b>                                                                                                                                                                                             |                                |                  |
|    | Handle tie bar for physically joining the handles of two adjacent single-pole Type CH circuit breakers (molded plastic handle cover)                                                                                        | 25                             | <b>CHHT</b>      |
| <b>CHPL</b>                                                                         | <b>Handle Lockoffs <sup>③④</sup></b>                                                                                                                                                                                        |                                |                  |
|    | Padlockable device for locking the handle of single-, two- or three-pole Type CH circuit breakers (escutcheon mounted) <sup>⑤</sup>                                                                                         | 1                              | <b>CHPL</b>      |
| <b>CHPLGF</b>                                                                       | Padlockable device for locking the handle of a single-, two- or three-pole Type CHGFI circuit breaker (escutcheon mounted) <sup>⑤</sup>                                                                                     | 1                              | <b>CHPLGF</b>    |
|    |                                                                                                                                                                                                                             |                                |                  |
| <b>CCPL</b>                                                                         | Padlockable device for locking the handle of main circuit breaker Types CC and CCH into the ON or OFF position.(screw mounted) <sup>⑥</sup>                                                                                 | 1                              | <b>CCPL</b>      |
|    |                                                                                                                                                                                                                             |                                |                  |
| <b>MCBPL</b>                                                                        | Padlockable device for locking the handle of main breaker Types BW and CSR into the ON or OFF position (escutcheon mounted) <sup>⑤</sup>                                                                                    | 1                              | <b>MCBPL</b>     |
|    |                                                                                                                                                                                                                             |                                |                  |
| <b>CHLO</b>                                                                         | <b>Handle Lockdogs <sup>④⑦</sup></b>                                                                                                                                                                                        |                                |                  |
|  | Device used to secure handle in ON or OFF position for single-pole Type CH circuit breakers (handle mounted) <sup>⑧</sup>                                                                                                   | 10                             | <b>CHLO</b>      |
| <b>CH125RB</b>                                                                      | <b>Hold-Down Kits <sup>⑨</sup></b>                                                                                                                                                                                          |                                |                  |
|  | Hold-down retainer kit for single-, two-, three-pole Type CH circuit breakers. For 6–24 circuit 125 A single- and three-phase, 12–42 circuit single-phase 225 A and 24–42 circuit three-phase 225 A MLO Type CH loadcenters | 1                              | <b>CH125RB</b>   |
| <b>CH125RB24</b>                                                                    | Hold-down retainer kit for single-, two-, three-pole Type CH circuit breakers for 2–4 circuit MLO CH loadcenters.                                                                                                           | 1                              | <b>CH125RB24</b> |
|  |                                                                                                                                                                                                                             |                                |                  |

**Notes**

- ① Must be purchased in multiples of ordering quantities indicated.
- ② Handle ties: typically used to join two similar independent single-pole breakers to form a two-pole noncommon trip breaker.
- ③ Handle lockoffs: devices that use a padlock to lock the circuit breaker's handle in the ON or OFF position.
- ④ Requires one additional pole space.
- ⑤ Escutcheon mounted: device mounted semipermanently to the face of the circuit breaker and secured by the loadcenter deadfront.
- ⑥ Screw mounted: device permanently mounted to the face of the circuit breaker by the use of a non-removable screw.
- ⑦ Handle lockdogs: devices that are used to secure a circuit breaker's handle in the ON or OFF position. Handle lockdogs are not padlockable devices.
- ⑧ Handle mounted: device mounted above or below handle using spring pressure.
- ⑨ Hold-down kits: devices used to secure the circuit breaker to the loadcenter for back-feed main application. See NEC Article 384.16(g).

## Breaker Replacement Accessories, continued

|                                                                                     | Description                                                     | Ordering Quantity <sup>①</sup> | Catalog Number  |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------|-----------------|
| <b>CH9MB270</b>                                                                     | <b>Mounting Bases</b>                                           |                                |                 |
|    | Mounting base for two-pole Type CH circuit breaker—70 A maximum | 1                              | <b>CH9MB270</b> |
| <b>CCL300</b>                                                                       | <b>Main Breaker Lug Kits</b>                                    |                                |                 |
|    | Types CC and CCH main breaker lug kit (2) 300 kcmil             | 1                              | <b>CCL300</b>   |
| <b>MCBL300</b>                                                                      | Type CSR main breaker lug kit (2) 300 kcmil                     | 1                              | <b>MCBL300</b>  |
|    |                                                                 |                                |                 |
| <b>CHML</b>                                                                         | <b>Mechanical Interlock</b>                                     |                                |                 |
|    | Type CH for two-, three- and four-pole breakers                 | 10                             | <b>CHML</b>     |
| <b>CHPLOFF</b>                                                                      | Type CH for two-, three- and four-pole breakers                 | 10                             | <b>CHPLOFF</b>  |
|  |                                                                 |                                |                 |
| <b>CHPLOFFA</b>                                                                     | Type CH for two-, three- and four-pole breakers                 | 10                             | <b>CHPLOFFA</b> |
|  |                                                                 |                                |                 |
|                                                                                     | CH 3/4-inch loadcenter and breaker accessories, handle lockdog  | 10                             | <b>CHL1P</b>    |
|                                                                                     |                                                                 | 10                             | <b>CHL2P</b>    |

**Note**

<sup>①</sup> Must be purchased in multiples of ordering quantities indicated.



**Renewal Parts List for Type CH Loadcenter Covers and Deadfronts****Single-Phase with Main Circuit Breaker**

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts | Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|----------------|--------------------|----------------|----------------|--------------------|
| CH1420B100B    | CH8BF              | CH8BS          | —              | —                  | CH30B125R      | —                  | —              | CH3RDOOR10     | CH3RDF6            |
| CH1420B100R    | —                  | —              | CH3RDOOR5      | CH3RDF4            | CH3242B200J    | CH8JF              | CH8JS          | —              | —                  |
| CH14B100B      | CH8BF              | CH8BS          | —              | —                  | CH3242B200R    | —                  | —              | CH3RDOOR12     | CH3RDF9            |
| CH14B100R      | —                  | —              | CH3RDOOR5      | CH3RDF4            | CH32B150J      | CH8JF              | CH8JS          | —              | —                  |
| CH1824B100C    | CH8CF              | CH8CS          | —              | —                  | CH32B150R      | —                  | —              | CH3RDOOR12     | CH3RDF9            |
| CH1824B100R    | —                  | —              | CH3RDOOR8      | CH3RDF5            | CH32B200J      | CH8JF              | CH8JS          | —              | —                  |
| CH18B100C      | CH8CF              | CH8CS          | —              | —                  | CH32B200R      | —                  | —              | CH3RDOOR12     | CH3RDF9            |
| CH18B100R      | —                  | —              | CH3RDOOR8      | CH3RDF5            | CH32B225J      | CH8JF              | CH8JS          | —              | —                  |
| CH20H100C      | CH8CF              | CH8CS          | —              | —                  | CH32B225R      | —                  | —              | CH3RDOOR12     | CH3RDF9            |
| CH20H100R      | —                  | —              | CH3RDOOR7      | CH3RDF5            | CH32H150L      | CH8LF              | CH8LS          | —              | —                  |
| CH22B100C      | CH8CF              | CH8CS          | —              | —                  | CH32H150R      | —                  | —              | CH3RDOOR6      | CH3RDF10           |
| CH22B100R      | —                  | —              | CH3RDOOR7      | CH3RDF5            | CH32H200L      | CH8LF              | CH8LS          | —              | —                  |
| CH22B125C      | CH8CF              | CH8CS          | —              | —                  | CH32H200R      | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH22B125R      | —                  | —              | CH3RDOOR8      | CH3RDF5            | CH42B200K      | CH8KF              | CH8KS          | —              | —                  |
| CH24B150E      | CH8EF              | CH8ES          | —              | —                  | CH42B200R      | —                  | —              | CH3RDOOR13     | CH3RDF10           |
| CH24B150R      | —                  | —              | CH3RDOOR11     | CH3RDF7            | CH42B225K      | CH8KF              | CH8KS          | —              | —                  |
| CH24B200E      | CH8EF              | CH8ES          | —              | —                  | CH42B225R      | —                  | —              | CH3RDOOR13     | CH3RDF10           |
| CH24B200R      | —                  | —              | CH3RDOOR11     | CH3RDF7            | CH42H200L      | CH8LF              | CH8LS          | —              | —                  |
| CH28H100D      | CH8DF              | CH8DS          | —              | —                  | CH42H200R      | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH28H100R      | —                  | —              | CH3RDOOR9      | CH3RDF6            | CH42H225L      | CH8LF              | CH8LS          | —              | —                  |
| CH28H125D      | CH8DF              | CH8DS          | —              | —                  | CH42H225R      | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH28H125R      | —                  | —              | CH3RDOOR9      | CH3RDF6            | CH42PM300      | CH7PMF (flush)     | CH7PMS         | —              | —                  |
| CH30B100D      | CH8DF              | CH8DS          | —              | —                  | CH42PM400      | CH7PMF (flush)     | CH7PMS         | —              | —                  |
| CH30B100R      | —                  | —              | CH3RDOOR10     | CH3RDF6            | CH8B150RF      | —                  | —              | CH3RDOOR11     | CH3RDF7            |
| CH30B125D      | CH8DF              | CH8DS          | —              | —                  | CH8B200RF      | —                  | —              | CH3RDOOR11     | CH3RDF7            |

## Single-Phase with Main Lugs

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts | Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|----------------|--------------------|----------------|----------------|--------------------|
| CH4L125RP      | —                  | —              | CH3RDOOR2      | CH3RDF2            | CH2L125SP      | —                  | CH82S          | —              | —                  |
| CH12L125B      | CH8BF              | CH8BS          | —              | —                  | CH2L40FP       | —                  | —              | —              | —                  |
| CH12L125R      | —                  | —              | CH3RDOOR5      | CH3RDF4            | CH2L40RP       | —                  | —              | BKRCVR         | —                  |
| CH12L200D      | CH8DF              | CH8DS          | —              | —                  | CH2L40SP       | —                  | —              | —              | —                  |
| CH12L200R      | —                  | —              | CH3RDOOR9      | CH4RDF6            | CH2L70FP       | —                  | —              | —              | —                  |
| CH1624L125B    | CH8BF              | CH8BS          | —              | —                  | CH2L70RP       | —                  | —              | BKRCVR         | —                  |
| CH1624L125R    | —                  | —              | CH3RDOOR5      | CH3RDF4            | CH2L70SP       | —                  | —              | —              | —                  |
| CH16L125B      | CH8BF              | CH8BS          | —              | —                  | CH3242L225D    | CH8DF              | CH8DS          | —              | —                  |
| CH16L125R      | —                  | —              | CH3RDOOR5      | CH3RDF4            | CH3242L225R    | —                  | —              | CH3RDOOR11     | CH3RDF6            |
| CH16L200D      | CH8DF              | CH8DS          | —              | —                  | CH32L150D      | CH8DF              | CH8DS          | —              | —                  |
| CH16L200R      | —                  | —              | CH3RDOOR11     | CH3RDF6            | CH32L150R      | —                  | —              | CH3RDOOR11     | CH3RDF6            |
| CH20L125C      | CH8CF              | CH8CS          | —              | —                  | CH32L225D      | CH8DF              | CH8DS          | —              | —                  |
| CH20L125R      | —                  | —              | CH3RDOOR8      | CH3RDF5            | CH32L225R      | —                  | —              | CH3RDOOR11     | CH3RDF6            |
| CH24L125C      | CH8CF              | CH8CS          | —              | —                  | CH42L225G      | CH8GF              | CH8GS          | —              | —                  |
| CH24L125R      | —                  | —              | CH3RDOOR8      | CH3RDF5            | CH42L225R      | —                  | —              | CH3RDOOR12     | CH3RDF8            |
| CH24L150D      | CH8DF              | CH8DS          | —              | —                  | CH42PL400      | CH7PF (flush)      | CH7PS          | —              | —                  |
| CH24L150R      | —                  | —              | CH3RDOOR11     | CH3RDF6            | CH4L125FP      | CH84F (flush)      | —              | —              | —                  |
| CH24L225D      | CH8DF              | CH8DS          | —              | —                  | CH4L125SP      | —                  | CH84S          | —              | —                  |
| CH24L225R      | —                  | —              | CH3RDOOR11     | CH3RDF6            | CH8L125FP      | CH88F (flush)      | —              | —              | —                  |
| CH2L125FP      | CH82F (FLUSH)      | —              | —              | —                  | CH8L125RP      | —                  | —              | CH3RDOOR4      | CH3RDF3            |
| CH2L125RE2P    | —                  | —              | —              | —                  | CH8L125SP      | —                  | CH88S          | —              | —                  |
| CH2L125RP      | —                  | —              | CH3RDOOR1      | CH3RDF1            |                |                    |                |                |                    |

## Single-Phase Convertible

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|
| CH22N125C      | CH8CF              | CH8CS          | —              | —                  |
| CH22N125R      | —                  | —              | —              | —                  |
| CH32N200J      | CH8JF              | CH8JS          | —              | —                  |
| CH32N200R      | —                  | —              | CH3RDOOR12     | CH3RDF9            |
| CH42N225K      | CH8KF              | CH8KS          | —              | —                  |
| CH42N225R      | —                  | —              | —              | —                  |
| CH8N200RF      | —                  | —              | —              | CH3RDF7            |

## Three-Phase with Main Circuit Breakers

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|
| CH30B3150L     | CH8LF              | CH8LS          | —              | —                  |
| CH30B3150R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH30B3200L     | CH8LF              | CH8LS          | —              | —                  |
| CH30B3200R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH30B3225L     | CH8LF              | CH8LS          | —              | —                  |
| CH30B3225R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH30H3200L     | CH8LF              | CH8LS          | —              | —                  |
| CH30H3200R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH424PM300     | CH7PMF (flush)     | CH7PMS         | —              | —                  |
| CH424PM400     | CH7PMF (flush)     | CH7PMS         | —              | —                  |
| CH42B3200L     | CH8LF              | CH8LS          | —              | —                  |
| CH42B3200R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH42B3225L     | CH8LF              | CH8LS          | —              | —                  |
| CH42B3225R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH42H3200L     | CH8LF              | CH8LS          | —              | —                  |
| CH42H3200R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |
| CH42H3225L     | CH8LF              | CH8LS          | —              | —                  |
| CH42H3225R     | —                  | —              | CH3RDOOR6      | CH3RDF11           |

## Three-Phase with Main Lugs

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|
| CH12L3125B     | CH8BF              | CH8BS          | —              | —                  |
| CH12L3125R     | —                  | —              | CH3RDOOR5      | CH3RDF4            |
| CH18L3125C     | CH8CF              | CH8CS          | —              | —                  |
| CH18L3125R     | —                  | —              | CH3RDOOR8      | CH3RDF5            |
| CH24L3125C     | CH8CF              | CH8CS          | —              | —                  |
| CH24L3125R     | —                  | —              | CH3RDOOR8      | CH3RDF5            |
| CH24L3225D     | CH8DF              | CH8DS          | —              | —                  |
| CH24L3225R     | —                  | —              | CH3RDOOR11     | CH3RDF6            |
| CH30L3150D     | CH8DF              | CH8DS          | —              | —                  |
| CH30L3150R     | —                  | —              | CH3RDOOR11     | CH3RDF6            |
| CH30L3225D     | CH8DF              | CH8DS          | —              | —                  |
| CH30L3225R     | —                  | —              | CH3RDOOR11     | CH3RDF6            |
| CH424PL400     | CH7PF (flush)      | CH7PS          | —              | —                  |
| CH42L3225R     | —                  | —              | CH3RDOOR12     | CH3RDF8            |
| CH42L3225G     | CH8GF              | CH8GS          | —              | —                  |
| CH6L3125FP     | CH86F (flush)      | —              | —              | —                  |
| CH6L3125RP     | —                  | —              | CH3RDOOR3      | CH3RDF3            |
| CH6L3125SP     | —                  | CH86F          | —              | —                  |

**Renewal Parts List for Vintage Type CH Loadcenter Covers and Deadfronts****Single-Phase with Main Circuit Breaker**

| Catalog Number | Surface Covers | Flush Covers | Surface Covers w/ Mechanical Interlock | Flush Covers w/ Mechanical Interlock |
|----------------|----------------|--------------|----------------------------------------|--------------------------------------|
| CH22CCM100N    | CH7CCS         | CH7CCF       | CH7CCSM                                | CH7CCFM                              |
| CH30JMJ150N    | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH30JMJ200N    | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH40KKM200N    | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH14BBM100     | CH7BBS         | CH7BBF       | CH7BBSM                                | CH7BBFM                              |
| CH14BBM100R    | —              | —            | —                                      | —                                    |
| CH18CCM100     | CH7CCS         | CH7CCF       | —                                      | —                                    |
| CH18CCM100R    | —              | —            | —                                      | —                                    |
| CH22CCM125     | CH7CCS         | CH7CCF       | —                                      | —                                    |
| CH22CCM125R    | —              | —            | —                                      | —                                    |
| CH20JMJ150     | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH20JMJ150R    | —              | —            | —                                      | —                                    |
| CH20JMJ200     | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH20JMJ200R    | —              | —            | —                                      | —                                    |
| CH24JMJ150     | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH24JMJ150R    | —              | —            | —                                      | —                                    |
| CH24JMJ200     | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH24JMJ200R    | —              | —            | —                                      | —                                    |
| CH30JMJ150     | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH30JMJ150R    | —              | —            | —                                      | —                                    |
| CH30JMJ200     | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH30JMJ200R    | —              | —            | —                                      | —                                    |
| CH30KKM225     | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH30KKM225R    | —              | —            | —                                      | —                                    |
| CH40KKM200     | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH40KKM200R    | —              | —            | —                                      | —                                    |
| CH42KKM225     | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH42KKM225R    | —              | —            | —                                      | —                                    |
| CH42PM300      | CH7PMS         | CH7PMF       | —                                      | —                                    |
| CH42PM400      | CH7PMS         | CH7PMF       | —                                      | —                                    |
| CH20CCM100H2   | CH7CCS         | CH7CCF       | —                                      | —                                    |
| CH20CCM100H2R  | —              | —            | —                                      | —                                    |
| CH26EEM125H2   | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH26EEM125H2R  | —              | —            | —                                      | —                                    |
| CH20CCM100H4   | CH7CCS         | CH7CCF       | —                                      | —                                    |
| CH20CCM100H4R  | —              | —            | —                                      | —                                    |
| CH26EEM100H4   | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH26EEM100H4R  | —              | —            | —                                      | —                                    |
| CH26EEM125H4   | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH26EEM125H4R  | —              | —            | —                                      | —                                    |
| CH30JMJ150H    | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH30JMJ150HR   | —              | —            | —                                      | —                                    |
| CH30JMJ200H    | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH30JMJ200HR   | —              | —            | —                                      | —                                    |
| CH40KKM200H    | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH40KKM200HR   | —              | —            | —                                      | —                                    |
| CH42KKM225H    | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH42KKM225HR   | —              | —            | —                                      | —                                    |
| CH1420BBM100   | CH7BBS         | CH7BBF       | —                                      | —                                    |
| CH1420BBM100R  | —              | —            | —                                      | —                                    |
| CH1824CCM100   | CH7CCS         | CH7CCF       | —                                      | —                                    |
| CH1824CCM100R  | —              | —            | —                                      | —                                    |
| CH3040JMJ200   | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH3040JMJ200   | —              | —            | —                                      | —                                    |

**Single-Phase with Main Lugs**

| Catalog Number | Surface Covers | Flush Covers | Surface Covers w/ Mechanical Interlock | Flush Covers w/ Mechanical Interlock |
|----------------|----------------|--------------|----------------------------------------|--------------------------------------|
| CH2S           | —              | —            | —                                      | —                                    |
| CH2F           | —              | —            | —                                      | —                                    |
| CH2R           | —              | —            | —                                      | —                                    |
| CH2AS          | —              | —            | —                                      | —                                    |
| CH2AF          | —              | —            | —                                      | —                                    |
| CH2AR          | —              | —            | —                                      | —                                    |
| CH2BS          | —              | —            | —                                      | —                                    |
| CH2BF          | —              | —            | —                                      | —                                    |
| CH2BR          | —              | —            | —                                      | —                                    |
| CH4S           | —              | —            | —                                      | —                                    |
| CH4F           | —              | —            | —                                      | —                                    |
| CH4R           | —              | —            | —                                      | —                                    |
| CH8S           | —              | —            | —                                      | —                                    |
| CH8F           | —              | —            | —                                      | —                                    |
| CH8R           | —              | —            | —                                      | —                                    |
| CH12BB         | CH7BBS         | CH7BBF       | CH7BBSM                                | CH7BBFM                              |
| CH12BBR        | —              | —            | —                                      | —                                    |
| CH12EE200      | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH12EE200R     | —              | —            | —                                      | —                                    |
| CH16BB         | CH7BBS         | CH7BBF       | CH7BBSM                                | CH7BBFM                              |
| CH16BBR        | —              | —            | —                                      | —                                    |
| CH16EE200      | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH16EE200R     | —              | —            | —                                      | —                                    |
| CH20CC         | CH7CCS         | CH7CCF       | CH7CCSM                                | CH7CCFM                              |
| CH20CCR        | —              | —            | —                                      | —                                    |
| CH24CC         | CH7CCS         | CH7CCF       | CH7CCSM                                | CH7CCFM                              |
| CH24CCR        | —              | —            | —                                      | —                                    |
| CH24EE150      | CH7EES         | CH7EEF       | CH7EESM                                | CH7EEFM                              |
| CH24EE150R     | —              | —            | —                                      | —                                    |
| CH24EE225      | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH24EE225R     | —              | —            | —                                      | —                                    |
| CH30EE         | CH7EES         | CH7EEF       | CH7EESM                                | CH7EEFM                              |
| CH30EER        | —              | —            | —                                      | —                                    |
| CH30EE225      | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH30EE225R     | —              | —            | —                                      | —                                    |
| CH42GG         | CH7GGS         | CH7GGF       | CH7GGSM                                | CH7GGFM                              |
| CH42GGR        | —              | —            | —                                      | —                                    |
| CH42PL400      | CH7PS          | CH7PF        | —                                      | —                                    |
| CH48S          | —              | —            | —                                      | —                                    |
| CH48F          | —              | —            | —                                      | —                                    |
| CH48R          | —              | —            | —                                      | —                                    |
| CH816S         | —              | —            | —                                      | —                                    |
| CH816F         | —              | —            | —                                      | —                                    |
| CH816R         | —              | —            | —                                      | —                                    |
| CH1624BB       | CH7BBS         | CH7BBF       | —                                      | —                                    |
| CH1624BBR      | —              | —            | —                                      | —                                    |
| CH3042EE225    | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH3042EE225R   | —              | —            | —                                      | —                                    |

## Three-Phase with Main Lugs

| Catalog Number | Surface Covers | Flush Covers | Surface Covers w/ Mechanical Interlock | Flush Covers w/ Mechanical Interlock |
|----------------|----------------|--------------|----------------------------------------|--------------------------------------|
| CH64S          | —              | —            | —                                      | —                                    |
| CH64R          | —              | —            | —                                      | —                                    |
| CH124BB        | CH7BBS         | CH7BBF       | CH7BBSM                                | CH7BBFM                              |
| CH124BBR       | —              | —            | —                                      | —                                    |
| CH184CC        | CH7CCS         | CH7CCF       | CH7CCSM                                | CH7CCFM                              |
| CH184CCR       | —              | —            | —                                      | —                                    |
| CH244CC        | CH7CCS         | CH7CCF       | CH7CCSM                                | CH7CCFM                              |
| CH244CCR       | —              | —            | —                                      | —                                    |
| CH244EE225     | CH7EES         | CH7EEF       | CH7EESM                                | CH7EEFM                              |
| CH244EE225R    | —              | —            | —                                      | —                                    |
| CH304EE        | CH7EES         | CH7EEF       | CH7EESM                                | CH7EEFM                              |
| CH304EER       | —              | —            | —                                      | —                                    |
| CH304EE225     | CH7EES         | CH7EEF       | —                                      | —                                    |
| CH304EE225R    | —              | —            | —                                      | —                                    |
| CH424GG225     | CH7GGS         | CH7GGF       | CH7GGSM                                | CH7GGFM                              |
| CH424GG225R    | —              | —            | —                                      | —                                    |
| CH424PL400     | CH7PS          | CH7PF        | —                                      | —                                    |

## Three-Phase with Main Circuit Breaker

| Catalog Number | Surface Covers | Flush Covers | Surface Covers w/ Mechanical Interlock | Flush Covers w/ Mechanical Interlock |
|----------------|----------------|--------------|----------------------------------------|--------------------------------------|
| CH304JJM150    | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH304JJM150R   | —              | —            | —                                      | —                                    |
| CH304JJM200    | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH304JJM200R   | —              | —            | —                                      | —                                    |
| CH304LLM225    | CH7LLS         | CH7LLF       | —                                      | —                                    |
| CH424KKM200    | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH424KKM200R   | —              | —            | —                                      | —                                    |
| CH424LLM225    | CH7LLS         | CH7LLF       | —                                      | —                                    |
| CH424PM300     | CH7PMS         | CH7PMF       | —                                      | —                                    |
| CH424PM400     | CH7PMS         | CH7PMF       | —                                      | —                                    |
| CH304JJM200H   | CH7JJS         | CH7JJF       | —                                      | —                                    |
| CH304JJM200HR  | —              | —            | —                                      | —                                    |
| CH424KKM200H   | CH7KKS         | CH7KKF       | —                                      | —                                    |
| CH424KKM200HR  | —              | —            | —                                      | —                                    |
| CH424LLM225H   | CH7LLS         | CH7LLF       | —                                      | —                                    |

## Type CH Loadcenter Interior Assemblies

| Catalog Number                                                                                                                      | Ampere Rating | Maximum Number Spaces | 1.00-Inch (25.4 mm) Single-Pole | UL File Reference | Main Terminal Wire Size Range (per phase) Cu/Al 60°C or 75°C | Standard Package Quantity |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|---------------------------------|-------------------|--------------------------------------------------------------|---------------------------|
| <b>Single-Phase, Single-Row Breaker Mounting—Copper Bus 120/24 Vac, Three-Wire</b>                                                  |               |                       |                                 |                   |                                                              |                           |
| CH9MB270                                                                                                                            | 70            | 2                     | 2                               | E8741             | (1) #8–#2 AWG Cu/Al                                          | 1                         |
| CH2L125INT                                                                                                                          | 125           | 2                     | 2                               | E8741             | (1) 2/0–#6 AWG Cu/Al                                         | 20                        |
| <b>Single-Phase, Double-Row Breaker Mounting—Copper Bus 120/240 Vac, Three-Wire</b>                                                 |               |                       |                                 |                   |                                                              |                           |
| CH4L125INT                                                                                                                          | 125           | 4                     | 4                               | E8741             | (1) 2/0–#14 AWG Cu/Al                                        | 20                        |
| CH8L125INT                                                                                                                          | 125           | 8                     | 8                               | E8741             | (1) 2/0–#6 AWG Cu/Al                                         | 20                        |
| CH12L125INT                                                                                                                         | 125           | 12                    | 12                              | E8741             | (1) 2/0–#6 AWG Cu/Al                                         | 20                        |
| CH16L125INT                                                                                                                         | 125           | 16                    | 16                              | E8741             | (1) 2/0–#6 AWG Cu/Al                                         | 20                        |
| CH12L200INT                                                                                                                         | 200           | 12                    | 12                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 20                        |
| CH16L200INT                                                                                                                         | 200           | 16                    | 16                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 10                        |
| CH24L225INT                                                                                                                         | 225           | 24                    | 24                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 10                        |
| CH32L225INT                                                                                                                         | 225           | 32                    | 32                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 10                        |
| CH42L225INT                                                                                                                         | 225           | 42                    | 42                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 10                        |
| <b>Three-Phase, Double-Row Breaker Mounting—Copper Bus 208Y/120 Vac, Four-Wire—240 Vac, Three-Wire—120/240 Vac, Four-Wire Delta</b> |               |                       |                                 |                   |                                                              |                           |
| CH12L3125INT                                                                                                                        | 125           | 12                    | 12                              | E8741             | (1) 2/0–#6 AWG Cu/Al                                         | 10                        |
| CH18L3125INT                                                                                                                        | 125           | 18                    | 18                              | E8741             | (1) 2/0–#6 AWG Cu/Al                                         | 10                        |
| CH24L3125INT                                                                                                                        | 125           | 24                    | 24                              | E8741             | (1) 2/0–#6 AWG Cu/Al                                         | 10                        |
| CH24L3225INT                                                                                                                        | 225           | 24                    | 24                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 10                        |
| CH30L3225INT                                                                                                                        | 225           | 30                    | 30                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 10                        |
| CH42L3225INT                                                                                                                        | 225           | 42                    | 42                              | E8741             | (1) 300 kcmil–#4 AWG Cu/Al                                   | 10                        |

## Type BR Replacement Parts and Covers

|                                                                                     | Number of Poles                                                | Ampere Rating | Number of 1.00-Inch (25.4 mm) Spaces Needed | Wire Size Range<br>Cu/Al 60 °C or 75 °C | Ordering Quantity <sup>①</sup> | Catalog Number               |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------|---------------------------------------------|-----------------------------------------|--------------------------------|------------------------------|
| <b>BRSF125</b>                                                                      | <b>Main and Subfeed Lug Blocks</b>                             |               |                                             |                                         |                                |                              |
|    | 2                                                              | 125           | 2                                           | #8–2/0                                  | 1                              | <b>BRSF125</b>               |
| <b>BRSF150</b>                                                                      |                                                                | 150           | 2                                           | #8–2/0                                  | 1                              | <b>BRSF150</b> <sup>②</sup>  |
|    |                                                                |               |                                             |                                         |                                |                              |
| <b>BRS225</b>                                                                       |                                                                | 225           | 4                                           | #2–300 kcmil                            | 1                              | <b>BRS225</b>                |
|    |                                                                |               |                                             |                                         |                                |                              |
| <b>3BRSF150</b>                                                                     | 3                                                              | 150           | 3                                           | #8–2/0                                  | 1                              | <b>3BRSF150</b> <sup>②</sup> |
|    |                                                                |               |                                             |                                         |                                |                              |
| <b>3BRSF225</b>                                                                     |                                                                | 225           | 6                                           | #2–300 kcmil                            | 1                              | <b>3BRS225</b>               |
|   |                                                                |               |                                             |                                         |                                |                              |
| <b>BRL200</b>                                                                       | <b>Main Lugs</b>                                               |               |                                             |                                         |                                |                              |
|  | Two-pole, 200 A stud mounted (includes deadfront filler plate) |               |                                             | #1–300 kcmil                            | 1                              | <b>BRL200</b>                |
| <b>NL20</b>                                                                         | Neutral/ground lug<br>Add-on neutral or ground lug             |               |                                             | #2/0 maximum                            | 1                              | <b>NL20</b>                  |
|  |                                                                |               |                                             |                                         |                                |                              |
| <b>NL30</b>                                                                         | Neutral/ground lug<br>Add-on neutral or ground lug             |               |                                             | #3/0 maximum                            | 1                              | <b>NL30</b>                  |
|  |                                                                |               |                                             |                                         |                                |                              |
| <b>NL300</b>                                                                        | Neutral/ground lug<br>Add-on neutral or ground lug             |               |                                             | 300 kcmil maximum                       | 1                              | <b>NL300</b>                 |
|  |                                                                |               |                                             |                                         |                                |                              |
| <b>BRFP</b>                                                                         | <b>Filler Plates</b>                                           |               |                                             |                                         |                                |                              |
|  | 1.00-inch (25.4 mm) circuit breaker space                      |               |                                             |                                         | 25                             | <b>BRFP</b>                  |
| <b>BRFP</b>                                                                         | BW main circuit breaker space (with hardware)                  |               |                                             |                                         | 1                              | <b>BWFP</b>                  |
|  |                                                                |               |                                             |                                         |                                |                              |

**Notes**

- <sup>①</sup> Must be purchased in multiples of ordering quantities indicated.  
<sup>②</sup> #8–2/0 wire size range is 75 °C rated only.

## Type BR Replacement Parts and Covers, continued

|                                                                                                      | Number of Poles | Ampere Rating | Number of 1.00-Inch (25.4 mm) Spaces Needed                             | Wire Size Range Cu/Al 60 °C or 75 °C | Ordering Quantity <sup>①</sup> | Catalog Number |
|------------------------------------------------------------------------------------------------------|-----------------|---------------|-------------------------------------------------------------------------|--------------------------------------|--------------------------------|----------------|
| <b>Filler Plates, continued</b>                                                                      |                 |               |                                                                         |                                      |                                |                |
| <b>TDL</b><br>      |                 |               | Door lock—12–42 circuits, and 100–225 A                                 |                                      | 1                              | <b>TDL</b>     |
|                                                                                                      |                 |               | Door lock—4–8 circuits, 12 5A                                           |                                      | 1                              | <b>CH9FL</b>   |
| <b>SPC61</b><br>    |                 |               | ANSI-61 light gray touchup paint for current loadcenters                |                                      | 1                              | <b>SPC61</b>   |
| <b>BINA</b><br>     |                 |               | Isolated neutral assembly (computer circuits)                           |                                      | 1                              | <b>BINA</b>    |
| <b>TCD</b><br>      |                 |               | Circuit directory—adhesive backed                                       |                                      | 10                             | <b>TCD</b>     |
| <b>LCCS</b><br>   |                 |               | Cover screws                                                            |                                      | 25                             | <b>LCCS</b>    |
| <b>BRRL</b><br>   |                 |               | Cover replacement latch (gray) 14-5/16 (363.5 mm) wide loadcenters only |                                      | 1                              | <b>BRRL</b>    |
| <b>BRMS</b><br>   |                 |               | Circuit marking strip (next to breaker)                                 |                                      | 10                             | <b>BRMS</b>    |
| <b>CHBL</b><br>   |                 |               | Circuit identification label (preprinted breaker labels)                |                                      | 25                             | <b>CHBL</b>    |
| <b>SRL</b><br>    |                 |               | Series rated caution label                                              |                                      | 25                             | <b>SRL</b>     |
| <b>BSSUSE</b><br> |                 |               | Bonding strip with screw                                                |                                      | 1                              | <b>BSSUSE</b>  |

**Note**

<sup>①</sup> Must be purchased in multiples of ordering quantities indicated.

**Mechanical Interlock Cover**

Covers mechanically interlock two breakers—Type BW or BWH main breaker with a Type BR branch breaker.

**BR4040B200****Mechanical Interlock Covers**

| Fits Loadcenter Catalog Number | Mechanical Interlock Panel Cover Catalog Number |
|--------------------------------|-------------------------------------------------|
| BR816B200RF                    | BR3RDF5M                                        |
| BR2040B200R                    | BR3RDF11M                                       |
| BR3040B200R                    | BR3RDF12M                                       |
| BR4040B200R                    | BR3RDF13M                                       |
| BR2040B200                     | BRCOV20D1FM                                     |
| BR3040B200                     | BRCOV30G1FM                                     |
| BR4040B200                     | BRCOV40L1FM                                     |

**Replacement Breaker Accessories**

|                                                                                     | Description                                                                                                                                                                                                                                           | Ordering Quantity <sup>①</sup> | Catalog Number |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------|
| <b>BHT</b>                                                                          | <b>Handle Ties <sup>②</sup></b>                                                                                                                                                                                                                       |                                |                |
|    | Handle tie bar for physically joining the handles of two adjacent single-pole Type BR circuit breakers (metal cylinder pin type)                                                                                                                      | 10                             | <b>BHT</b>     |
| <b>THOW</b>                                                                         | Handle tie bar for joining two independent outside poles of Types BQ and BQC Quadplex and outside poles of two Type BD duplex circuit breakers                                                                                                        | 10                             | <b>THOW</b>    |
|   |                                                                                                                                                                                                                                                       |                                |                |
| <b>THS1</b>                                                                         | Handle tie bar for joining two adjacent outside poles of Types BQ and BQC Quadplex and outside poles of two Type BD duplex circuit breakers                                                                                                           | 10                             | <b>THS1</b>    |
|  |                                                                                                                                                                                                                                                       |                                |                |
| <b>BRLW</b>                                                                         | <b>Handle Lockoffs <sup>③</sup></b>                                                                                                                                                                                                                   |                                |                |
|  | Padlockable device for locking the handle of single-, two- or three-pole Type BR Circuit Breakers and single-pole of a Type BD Duplex or one independent outside pole of a Type BQ or BQC Quadplex circuit breakers (escutcheon mounted) <sup>④</sup> | 10                             | <b>BRLW</b>    |
| <b>BRLW1</b>                                                                        | Padlockable device for locking the handle of a single-pole Type BR circuit breaker.(handle mounted) <sup>④</sup>                                                                                                                                      | 10                             | <b>BRLW1</b>   |
|  |                                                                                                                                                                                                                                                       |                                |                |

**Notes**

- <sup>①</sup> Must be purchased in multiples of ordering quantities indicated.
- <sup>②</sup> Handle ties: typically used to join two similar independent single-pole breakers to form a two-pole noncommon trip breaker.
- <sup>③</sup> Handle lockoffs: devices that use a padlock to lock the circuit breaker's handle in the ON or OFF position.
- <sup>④</sup> Handle mounted: device mounted directly to the handle by the use of a set screw.



## Replacement Breaker Accessories, continued

|                                                                                     | Description                                                                                                                                                                                                                                                  | Ordering Quantity <sup>①</sup> | Catalog Number |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------|
| <b>3RLW2</b>                                                                        | <b>Handle Lockoffs, continued</b> <sup>②</sup>                                                                                                                                                                                                               |                                |                |
|    | Padlockable device for locking the handle of a two- and three-pole Type BR circuit breaker (handle mounted) <sup>③</sup>                                                                                                                                     | 10                             | <b>BRLW2</b>   |
| <b>BRDL1</b>                                                                        | Padlockable device for locking the handle of a single-pole Type BD Duplex, BQ or BQC Quadplex breaker (handle mounted) <sup>③</sup>                                                                                                                          | 10                             | <b>BRDL1</b>   |
|    |                                                                                                                                                                                                                                                              |                                |                |
| <b>BRQLW</b>                                                                        | Padlockable device for locking the handle of the two center poles and the two outer poles of a two-pole Types BQ and BQC quadplex circuit breakers (escutcheon mounted) <sup>④</sup>                                                                         | 10                             | <b>BRQLW</b>   |
|    |                                                                                                                                                                                                                                                              |                                |                |
| <b>CCPL</b>                                                                         | Padlockable device for locking the handle of main circuit breaker Types CC and CHH into the ON or OFF position (screw mounted) <sup>⑤</sup>                                                                                                                  | 1                              | <b>CCPL</b>    |
|    |                                                                                                                                                                                                                                                              |                                |                |
| <b>MCBPL</b>                                                                        | Padlockable device for locking the handle of main breaker Types BW and BWH into the ON or OFF position (escutcheon mounted) <sup>④</sup>                                                                                                                     | 1                              | <b>MCBPL</b>   |
|  |                                                                                                                                                                                                                                                              |                                |                |
| <b>BHLW</b>                                                                         | <b>Handle Lockdog</b> <sup>⑥</sup>                                                                                                                                                                                                                           |                                |                |
|  | Device used to secure handle in ON or OFF position for single-, two- or three-pole Type BR circuit breakers and single-pole of Type BD duplex and one independent outside pole of Type BQ or BQC Quadplex circuit breakers (escutcheon mounted) <sup>③</sup> | 10                             | <b>BHLW</b>    |
| <b>BHLW1</b>                                                                        | Device used to secure handle in ON or OFF position for single-pole Type BR circuit breakers (handle mounted) <sup>③</sup>                                                                                                                                    | 10                             | <b>BHLW1</b>   |
|  |                                                                                                                                                                                                                                                              |                                |                |
| <b>BHLW2</b>                                                                        | Device used to secure handle in ON or OFF position for two- and three-pole Type BR circuit breakers (handle mounted) <sup>③</sup>                                                                                                                            | 10                             | <b>BHLW2</b>   |
|  |                                                                                                                                                                                                                                                              |                                |                |

**Notes**

- ① Must be purchased in multiples of ordering quantities indicated.
- ② Handle lockoffs: devices that use a padlock to lock the circuit breaker's handle in the ON or OFF position.
- ③ Handle mounted: device mounted directly to the handle by the use of a set screw.
- ④ Escutcheon mounted: device mounted semipermanently to the face of the circuit breaker and secured by the loadcenter deadfront.
- ⑤ Screw mounted: device permanently mounted to the face of the circuit breaker by the use of a non-removable screw.
- ⑥ Handle lockdogs: devices that are used to secure a circuit breaker's handle in the ON or OFF position. Handle Lockdogs are not padlockable devices.

## Replacement Breaker Accessories, continued

|                                                                                     | Description                                                                                                                                                                                   | Ordering Quantity <sup>①</sup> | Catalog Number  |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------|
| <b>BHGW</b>                                                                         | <b>Handle Lockdog, continued</b> <sup>②</sup>                                                                                                                                                 |                                |                 |
|    | Device used to secure handle in ON or OFF position for single-pole Type GFCB ground fault circuit breakers (handle mounted) <sup>③</sup>                                                      | 10                             | <b>BHGW</b>     |
| <b>HLW1</b>                                                                         | Device used to secure handle in ON or OFF position for one independent outside pole of Types BQ and BQC Quadplex or single-pole Type BD duplex circuit breakers (handle mounted) <sup>③</sup> | 10                             | <b>HLW1</b>     |
|    |                                                                                                                                                                                               |                                |                 |
| <b>BRHDB</b>                                                                        | <b>Hold-Down Kits</b> <sup>④</sup>                                                                                                                                                            |                                |                 |
|    | Hold-down retainer kit for three-pole Type BR circuit breakers in S3100 and 3100R loadcenters only                                                                                            | 1                              | <b>BRHDB</b>    |
| <b>BREQS125</b>                                                                     | Hold-down screw kit for two-pole Type BR circuit breakers in single-phase MLO loadcenters through 125 A                                                                                       | 1                              | <b>BREQS125</b> |
|    |                                                                                                                                                                                               |                                |                 |
| <b>BRHDK125</b>                                                                     | Hold-down screw kit for two-pole Type BR circuit breakers in MLO loadcenters 150–225 A (single-phase only)                                                                                    | 1                              | <b>BRHDK125</b> |
|    |                                                                                                                                                                                               |                                |                 |
| <b>BJHDS</b>                                                                        | Hold-down screw kit for two-pole Types BJ and BJH circuit breakers in MLO loadcenters 125–225 A                                                                                               | 1                              | <b>BJHDS</b>    |
|  |                                                                                                                                                                                               |                                |                 |
| <b>BJHDS3P</b>                                                                      | Hold-down screw kit for three-pole Types BJ and BJH circuit breakers in MLO loadcenters 125–225 A                                                                                             | 1                              | <b>BJHDS3P</b>  |
|  |                                                                                                                                                                                               |                                |                 |
| <b>CCL300</b>                                                                       | <b>Main Breaker Lug Kits</b>                                                                                                                                                                  |                                |                 |
|  | Types CC and CHH main breaker lug kit (2) 300 kcmil                                                                                                                                           | 1                              | <b>CCL300</b>   |
| <b>MCBL300</b>                                                                      | Types BW/BWH main breaker lug kit (2) 300 kcmil                                                                                                                                               | 1                              | <b>MCBL300</b>  |
|  |                                                                                                                                                                                               |                                |                 |
| <b>BRML</b>                                                                         | <b>Mechanical Interlock</b>                                                                                                                                                                   |                                |                 |
|  | Types BR for two-, three- and four-pole breakers                                                                                                                                              | 10                             | <b>BRML</b>     |

**Notes**

- ① Must be purchased in multiples of ordering quantities indicated.
- ② Handle lockdogs: devices that are used to secure a circuit breaker's handle in the ON or OFF position. Handle Lockdogs are not padlockable devices.
- ③ Handle mounted: device mounted directly to the handle by the use of a set screw.
- ④ Hold-down kits: devices used to secure the circuit breaker to the loadcenter for back-feed main application. See NEC Article 384.16(g).

**Renewal Parts for Type BR Loadcenter Covers and Deadfronts****Single-Phase with Main Circuit Breakers**

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts | Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|----------------|--------------------|----------------|----------------|--------------------|
| B4242DFN       | 315-003-28         | —              | —              | —                  | BR2040B150R    | —                  | —              | BR3RDOOR8      | BR3RDF11           |
| B4242DR1N      | —                  | —              | Not available  | —                  | BR2040B200     | BRCOVC35           | —              | —              | —                  |
| B4242DSN       | —                  | 315-003-27     | —              | —                  | BR2040B200R    | —                  | —              | BR3RDOOR9      | BR3RDF11           |
| B4242EFN       | 315-003-28         | —              | —              | —                  | BR2040H200     | BRCOVC35           | —              | —              | —                  |
| B4242ESN       | —                  | 315-003-27     | —              | —                  | BR2430B150     | BRCOVC40           | —              | —              | —                  |
| BR1020B100RF   | —                  | —              | BR3RDOOR2      | BR3RDF1            | BR2440B200     | BRCOVC41           | —              | —              | —                  |
| BR1212B100     | BRCOVC12           | —              | —              | —                  | BR3030B100     | BRCOVC59           | —              | —              | —                  |
| BR1220B100     | BRCOVC12           | —              | —              | —                  | BR3030B150     | BRCOVC40           | —              | —              | —                  |
| BR1224B100R    | —                  | —              | BR3RDOOR2      | BR3RDF1            | BR3030B150R    | —                  | —              | BR3RDOOR10     | BR3RDF12           |
| BR1224B100SFG  | 47-37466           | —              | —              | 47-37469           | BR3030B150     | BRCOVC40           | —              | —              | —                  |
| BR1616B100     | BRCOVC16           | —              | —              | —                  | BR3040B150     | BRCOVC40           | —              | —              | —                  |
| BR1620B100     | BRCOVC16           | —              | —              | —                  | BR3040B200     | BRCOVC41           | —              | —              | —                  |
| BR1624B100     | BRCOVC16           | —              | —              | —                  | BR3040B200R    | —                  | —              | BR3RDOOR11     | BR3RDF12           |
| BR1624B100R    | —                  | —              | BR3RDOOR3      | BR3RDF2            | BR3040H200     | BRCOVC41           | —              | —              | —                  |
| BR1624B125     | BRCOVC17           | —              | —              | —                  | BR304242F      | 315-003-28         | —              | —              | —                  |
| BR1630B150     | BRCOVC29           | —              | —              | —                  | BR304242S      | —                  | 315-003-27     | —              | —                  |
| BR1632B200     | BRCOVC31           | —              | —              | —                  | BR4040B200     | BRCOVC44           | —              | —              | —                  |
| BR2020B100     | BRCOVC22           | —              | —              | —                  | BR4040B200R    | BRCOVC44           | —              | —              | —                  |
| BR2024B100R    | —                  | —              | BR3RDOOR4      | BR3RDF4            | BR4040B200R    | —                  | —              | BR3RDOOR12     | BR3RDF13           |
| BR2024B125     | BRCOVC23           | —              | —              | —                  | BR4040H200     | BRCOVC44           | —              | —              | —                  |
| BR2024B125R    | —                  | —              | BR3RDOOR4      | BR3RDF4            | BR4242B225     | BRCOVC53 (2)       | —              | —              | —                  |
| BR2024H100     | BRCOVC22           | —              | —              | —                  | BR4242B225R    | —                  | —              | BR3RDOOR13     | BR3RDF15           |
| BR2030B150     | BRCOVC32           | —              | —              | —                  | BR48B200RF     | —                  | —              | BR3RDOOR15     | BR3RDF14           |
| BR2030B150R    | —                  | —              | BR3RDOOR8      | BR3RDF11           | BR816B100      | BRCOVC10           | —              | —              | —                  |
| BR2030H150     | BRCOVC32           | —              | —              | —                  | BR816B150RF    | —                  | —              | BR3RDOOR5      | BR3RDF5            |
| BR2040B150     | BRCOVC40           | —              | —              | —                  | BR816B200RF    | —                  | —              | BR3RDOOR6      | BR3RDF5            |

## Convertible

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|
| 3BR1224N125    | BRCOVC20           | —              | —              | —                  |
| 3BR1224N125R   | —                  | —              | BR3RDOOR29     | BR3RDF2            |
| 3BR1224N125S   | —                  | BRCOVS20       | —              | —                  |
| 3BR3030N100    | BRCOVC37           | —              | —              | —                  |
| 3BR3030N100R   | —                  | —              | BR3RDOOR30     | —                  |
| 3BR3030N100S   | —                  | BRCOVS37       | —              | —                  |
| BR1224N125     | BRCOVC13           | —              | —              | —                  |
| BR1224N125R    | —                  | —              | BR3RDOOR2      | BR3RDF1            |
| BR1224NC125R   | —                  | —              | BR3RDOOR2      | —                  |
| BR1224N200     | BRCOVC30           | —              | —              | —                  |
| BR1224N200R    | —                  | —              | BR3RDOOR6      | BR3RDF5            |
| BR1624N125     | BRCOVC17           | —              | —              | —                  |
| BR1624N125R    | —                  | —              | BR3RDOOR3      | BR3RDF2            |
| BR1632N200     | BRCOVC31           | —              | —              | —                  |
| BR1632N200SFG  | —                  | —              | 47-37460       | 47-37375           |
| BR2024N125     | BRCOVC23           | —              | —              | —                  |
| BR2024N125R    | —                  | —              | BR3RDOOR4      | BR3RDF4            |
| BR2040N200     | BRCOVC35           | —              | —              | —                  |
| BR2040N200R    | —                  | —              | BR3RDOOR9      | BR3RDF11           |
| BR2440N200     | BRCOVC41           | —              | —              | —                  |
| BR3040N200     | BRCOVC41           | —              | —              | —                  |
| BR3040N200R    | —                  | —              | BR3RDOOR11     | BR3RDF12           |
| BR4040N200     | BRCOVC44           | —              | —              | —                  |
| BR4040N200R    | —                  | —              | BR3RDOOR12     | BR3RDF13           |
| BR816N200RF    | —                  | —              | BR3RDOOR6      | BR3RDF5            |
| BR4040NL200G   | BRCOVC44 + BWFP    | —              | —              | —                  |

Manufactured Housing Loadcenters  
Single-Phase with Main Circuit Breaker

| Catalog Number | Cover Number |
|----------------|--------------|
| BR1020B100GK   | MBCOVC10     |
| BR1020B100PK   | MBCOVC10     |
| BR1220B100GK   | MBCOVC11     |
| BR1220B100PK   | MBCOVC11     |
| BR1224B100PK   | MBCOVC24     |
| BR1224B100GK   | MBCOVC24     |
| BR1224B100GK   | MBCOVC25 ①   |
| BR1224B150GK   | MBCOVC12     |
| BR1224B150PK   | MBCOVC12     |
| BR1630B150GK   | MBCOVC13     |
| BR1630B150PK   | MBCOVC13     |
| BR1224B200GK   | MBCOVC14     |
| BR1224B200PK   | MBCOVC14     |
| BR1632B200GK   | MBCOVC15     |
| BR1632B200PK   | MBCOVC15     |
| BR2040B200GK   | MBCOVC16     |
| BR2040B200PK   | MBCOVC16     |
| BR1020B100PKW  | MBCOVC17 ①   |
| BR1220B100PKW  | MBCOVC18 ①   |
| BR1224B100PKW  | MBCOVC25 ①   |
| BR1224B150PKW  | MBCOVC19 ①   |
| BR1630B150PKW  | MBCOVC20 ①   |
| BR1224B200PKW  | MBCOVC21 ①   |
| BR1632B200PKW  | MBCOVC22 ①   |
| BR2040B200PKW  | MBCOVC23 ①   |

**Note**

① These covers are painted white (standard color is gray).

## Single-Phase with Main Lugs

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts | Catalog Number  | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|-----------------|--------------------|----------------|----------------|--------------------|
| 1224DRIN       | —                  | —              | Not available  | —                  | BR24L70RP       | —                  | —              | Not available  | —                  |
| 1224DSN        | —                  | Not available  | —              | —                  | BR24L70SGP      | —                  | Not available  | —              | —                  |
| 2442DSN        | —                  | Not available  | —              | —                  | BR24L70SP       | —                  | Not available  | —              | —                  |
| 2460FGNM       | —                  | —              | —              | —                  | BR1224L125RIS   | BRCOV66            | —              | —              | —                  |
| 2460FNM        | —                  | —              | —              | —                  | BR1224L125RISBP | BRCOV66            | —              | —              | —                  |
| 2460RNM        | —                  | —              | —              | —                  | BR2024L125RIS   | BRCOV66            | —              | —              | —                  |
| 2460SGNM       | —                  | —              | —              | —                  | BR3040L200      | BRCOV36            | —              | —              | —                  |
| 2460SNM        | —                  | —              | —              | —                  | BR3040L200G     | BRCOV36            | —              | —              | —                  |
| 4242DFN        | 315-003-06         | —              | —              | —                  | BR3040L200R     | —                  | —              | BR3RDOOR9      | BR3RDF8            |
| 4242DRIN       | —                  | Not available  | —              | —                  | BR4040L200      | BRCOV42            | —              | —              | —                  |
| 4242DSN        | —                  | 315-003-05     | —              | —                  | BR4040L200R     | —                  | —              | BR3RDOOR11     | BR3RDF9            |
| 4242ESN        | —                  | 315-003-05     | —              | —                  | BR4242L225      | BRCOV45            | —              | —              | —                  |
| BR1212L125     | BRCOV11            | —              | —              | —                  | BR4242L225R     | —                  | —              | BR3RDOOR14     | BR3RDF10           |
| BR1224L125     | BRCOV11            | —              | —              | —                  | BR48L125FDP     | BRCOV62 (flush)    | —              | —              | —                  |
| BR1224L125DG   | BRCOV11            | —              | —              | —                  | BR48L125FGP     | BRCOV63 (flush)    | —              | —              | —                  |
| BR1224L125G    | BRCOV11            | —              | —              | —                  | BR48L125FP      | BRCOV61 (flush)    | —              | —              | —                  |
| BR1224L125R    | —                  | —              | BR3RDOOR1      | BR3RDF3            | BR48L125RP      | —                  | —              | BR3RDOOR26     | BR3RDF22           |
| BR1224L200     | BRCOV15            | —              | —              | —                  | BR48L125SGP     | —                  | BRCOV560       | —              | —                  |
| BR1224L200R    | —                  | —              | BR3RDOOR7      | BR3RDF6            | BR48L125SP      | —                  | BRCOV559       | —              | —                  |
| BR1616L125     | BRCOV14            | —              | —              | —                  | BR612L125FDGP   | BRCOV08            | —              | —              | —                  |
| BR1624L125     | BRCOV14            | —              | —              | —                  | BR612L125FDP    | BRCOV08            | —              | —              | —                  |
| BR1624L125G    | BRCOV14            | —              | —              | —                  | BR612L125FGP    | BRCOV63            | —              | —              | —                  |
| BR1624L125R    | —                  | —              | BR3RDOOR2      | BR3RDF1            | BR612L125FP     | BRCOV08            | —              | —              | —                  |
| BR1630L150     | BRCOV25            | —              | —              | —                  | BR612L125RP     | —                  | —              | BR3RDOOR27     | BR3RDF23           |
| BR2020L125     | BRCOV18            | —              | —              | —                  | BR612L125SDGP   | —                  | BRCOV508       | —              | —                  |
| BR2024L125     | BRCOV18            | —              | —              | —                  | BR612L125SDP    | —                  | BRCOV508       | —              | —                  |
| BR2024L125G    | BRCOV18            | —              | —              | —                  | BR612L125SGP    | —                  | BRCOV560       | —              | —                  |
| BR2024L125R    | —                  | —              | BR3RDOOR3      | BR3RDF2            | BR612L125SP     | —                  | BRCOV559       | —              | —                  |
| BR2030L150     | BRCOV25            | —              | —              | —                  | BR816L125FDGP   | BRCOV64 (flush)    | —              | —              | —                  |
| BR2040L200     | BRCOV25            | —              | —              | —                  | BR816L125FDP    | BRCOV64 (flush)    | —              | —              | —                  |
| BR2040L200G    | BRCOV25            | —              | —              | —                  | BR816L125FGP    | BRCOV09            | —              | —              | —                  |
| BR2040L200R    | —                  | —              | BR3RDOOR6      | BR3RDF7            | BR816L125FP     | BRCOV09            | —              | —              | —                  |
| BR2424L125     | BRCOV24            | —              | —              | —                  | BR816L125RP     | —                  | —              | BR3RDOOR28     | BR3RDF23           |
| BR2424L125G    | BRCOV24            | —              | —              | —                  | BR816L125SDGP   | —                  | BRCOV561       | —              | —                  |
| BR2440L200     | BRCOV33            | —              | —              | —                  | BR816L125SDP    | —                  | BRCOV561       | —              | —                  |
| BR24L125FP     | BRCOV60 (FLUSH)    | —              | —              | —                  | BR816L125SGP    | —                  | BRCOV509       | —              | —                  |
| BR24L125RP     | —                  | —              | BR3RDOOR25     | BR3RDF21           | BR816L125SP     | —                  | BRCOV509       | —              | —                  |
| BR24L125RSE2P  | —                  | —              | —              | BR3RDF21           | BR816L200RF     | —                  | —              | BR3RDOOR7      | BR3RDF6            |
| BR24L125RSEP   | —                  | —              | —              | BR3RDF21           | BR816LC125FDP   | BRCOV64 (flush)    | —              | —              | —                  |
| BR24L125SP     | —                  | BRCOV562       | —              | —                  | TT120FLGNM      | —                  | —              | —              | —                  |
| BR24L70FGP     | Not available      | —              | —              | —                  | TT120SLGNM      | —                  | —              | —              | —                  |

## Three-Phase with Main Lugs

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|
| 31836DFN       | Not available      | —              | —              | —                  |
| 31836DR1N      | —                  | —              | Not available  | —                  |
| 31836DSN       | —                  | Not available  | —              | —                  |
| 32442DSN       | —                  | Not available  | —              | —                  |
| 34242DFN       | 315-003-06         | —              | —              | —                  |
| 34242DR1N      | —                  | —              | Not available  | —                  |
| 34242DSN       | —                  | 315-003-05     | —              | —                  |
| 34242EFN       | 315-003-06         | —              | —              | —                  |
| 34242ESN       | —                  | 315-003-05     | —              | —                  |
| 3BR1224L125    | BRCOVC21           | —              | —              | —                  |
| 3BR1224L125R   | —                  | —              | BR3RDOOR29     | BR3RDF2            |
| 3BR1224L125S   | —                  | BRCOVS21       | —              | —                  |
| 3BR1224L200    | BRCOVC34           | —              | —              | —                  |
| 3BR1224L200R   | —                  | —              | BR3RDOOR16     | BR3RDF7            |
| 3BR1224L200S   | —                  | BRCOVS34       | —              | —                  |
| 3BR1836L150    | BRCOVC27           | —              | —              | —                  |
| 3BR1836L150R   | —                  | —              | BR3RDOOR17     | BR3RDF7            |
| 3BR1836L150S   | —                  | BRCOVS27       | —              | —                  |
| 3BR1836L200    | BRCOVC34           | —              | —              | —                  |
| 3BR1836L200R   | —                  | —              | BR3RDOOR16     | BR3RDF7            |
| 3BR1836L200S   | —                  | BRCOVS34       | —              | —                  |
| 3BR2442L150    | BRCOVC39           | —              | —              | —                  |
| 3BR2442L150R   | —                  | —              | BR3RDOOR18     | BR3RDF16           |
| 3BR2442L150S   | —                  | BRCOVS39       | —              | —                  |
| 3BR2442L200    | BRCOVC43           | —              | —              | —                  |
| 3BR2442L200S   | —                  | BRCOVS43       | —              | —                  |
| 3BR3042L200    | BRCOVC43           | —              | —              | —                  |
| 3BR3042L200R   | —                  | —              | BR3RDOOR19     | BR3RDF18           |
| 3BR3042L200S   | —                  | BRCOVS43       | —              | —                  |
| 3BR4242L200    | BRCOVC48           | —              | —              | —                  |
| 3BR4242L200R   | —                  | —              | BR3RDOOR21     | BR3RDF20           |
| 3BR4242L200S   | —                  | BRCOVS48       | —              | —                  |
| 3BR4242L225    | BRCOVC49           | —              | —              | —                  |
| 3BR4242L225R   | —                  | —              | BR3RDOOR24     | BR3RDF20           |
| 3BR4242L225S   | —                  | BRCOVS49       | —              | —                  |

## Three-Phase with Main Circuit Breaker

| Catalog Number | Combination Covers | Surface Covers | NEMA 3R Covers | NEMA 3R Deadfronts |
|----------------|--------------------|----------------|----------------|--------------------|
| 3BR4242DFN     | 315-003-28         | —              | —              | —                  |
| 3BR4242DR1N    | —                  | —              | Not available  | —                  |
| 3BR4242DSN     | —                  | 315-003-27     | —              | —                  |
| 3BR4242EFN     | 315-003-28         | —              | —              | —                  |
| 3BR4242ESN     | —                  | 315-003-27     | —              | —                  |
| 3BR1224B100    | BRCOVC19           | —              | —              | —                  |
| 3BR1224B100R   | —                  | —              | BR3RDOOR29     | BR3RDF2            |
| 3BR1224B100S   | —                  | BRCOVS19       | —              | —                  |
| 3BR1224H100    | BRCOVC19           | —              | —              | —                  |
| 3BR1224H100S   | —                  | BRCOVS19       | —              | —                  |
| 3BR3042B125    | BRCOVC54           | —              | —              | —                  |
| 3BR3042B125S   | —                  | BRCOVS54       | —              | —                  |
| 3BR3042B150    | BRCOVC55           | —              | —              | —                  |
| 3BR3042B150R   | —                  | —              | BR3RDOOR20     | BR3RDF17           |
| 3BR3042B150S   | —                  | BRCOVS55       | —              | —                  |
| 3BR3042B200    | BRCOVC56           | —              | —              | —                  |
| 3BR3042B200R   | —                  | —              | BR3RDOOR21     | BR3RDF17           |
| 3BR3042B200S   | —                  | BRCOVS56       | —              | —                  |
| 3BR3042H150    | BRCOVC55           | —              | —              | —                  |
| 3BR3042H150S   | —                  | BRCOVS55       | —              | —                  |
| 3BR3042H200    | BRCOVC56           | —              | —              | —                  |
| 3BR3042H200S   | —                  | BRCOVS56       | —              | —                  |
| 3BR4242B200    | BRCOVC57           | —              | —              | —                  |
| 3BR4242B200R   | —                  | —              | BR3RDOOR22     | BR3RDF19           |
| 3BR4242B200S   | —                  | BRCOVS57       | —              | —                  |
| 3BR4242B225    | BRCOVC58           | —              | —              | —                  |
| 3BR4242B225R   | —                  | —              | BR3RDOOR23     | BR3RDF19           |
| 3BR4242B225S   | —                  | BRCOVS58       | —              | —                  |
| 3BR4242H200    | BRCOVC57           | —              | —              | —                  |
| 3BR4242H200S   | —                  | BRCOVS57       | —              | —                  |

## Replacement Interior Assembly

BR Loadcenter  
Interior Assembly

## Type BR Loadcenter Interior Assemblies

| Ampere Rating                                                                                                                        | Maximum Number 1.00-Inch (25.4 mm) Spaces | Single Poles | UL File Reference | Main Terminal Size (Per Phase)      | Standard Package Quantity | Catalog Number |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------|-------------------|-------------------------------------|---------------------------|----------------|
| <b>Single-Phase Single Row Breaker Mounting—Aluminum Bus—120/240 Vac, Three-Wire</b>                                                 |                                           |              |                   |                                     |                           |                |
| 70                                                                                                                                   | 2                                         | 4            | —                 | (1) #8–#2 AWG Cu/Al                 | 20                        | 24INT70B       |
| 125                                                                                                                                  | 2                                         | 4            | E8741             | (1) 1/0–#14 AWG Cu<br>2/0–12 AWG Al | 20                        | 24INT125B      |
| 125                                                                                                                                  | 6                                         | 12           | E52977            | (1) 2/0–#14 AWG Cu/Al               | 20                        | 612INT125SRB   |
| <b>Single-Phase Double Row Breaker Mounting—Aluminum Bus—120/240 Vac, Three-Wire</b>                                                 |                                           |              |                   |                                     |                           |                |
| 125                                                                                                                                  | 4                                         | 8            | E8741             | (1) 2/0–#14 AWG Cu/Al               | 20                        | 48INT125B      |
| 125                                                                                                                                  | 6                                         | 12           | E8741             | (1) 2/0–#14 AWG Cu/Al               | 20                        | 612INT125B     |
| 125                                                                                                                                  | 8                                         | 16           | E8741             | (1) 2/0–#14 AWG Cu/Al               | 20                        | 816INT125B     |
| 125                                                                                                                                  | 12                                        | 12           | E52977            | (1) 2/0–#14 AWG Cu/Al               | 20                        | 1212INT125B    |
| 125                                                                                                                                  | 12                                        | 24           | E52977            | (1) 2/0–#14 AWG Cu/Al               | 20                        | 1224INT125B    |
| 125                                                                                                                                  | 16                                        | 24           | E52977            | (1) 2/0–#14 AWG Cu/Al               | 20                        | 1624INT125B    |
| 125                                                                                                                                  | 20                                        | 24           | E52977            | (1) 2/0–#14 AWG Cu/Al               | 10                        | 2024INT125B    |
| 125                                                                                                                                  | 24                                        | 24           | E52977            | (1) 2/0–#14 AWG Cu/Al               | 10                        | 2424INT125B    |
| 200                                                                                                                                  | 8                                         | 16           | E52977            | (1) 300 kcmil–#1 AWG Cu/Al          | 20                        | 816INT200B     |
| 200                                                                                                                                  | 12                                        | 24           | E52977            | (1) 300 kcmil–#1 AWG Cu/Al          | 20                        | 1224INT200B    |
| 200                                                                                                                                  | 30                                        | 40           | E52977            | (1) 300 kcmil–#1 AWG Cu/Al          | 10                        | 3040INT200B    |
| 200                                                                                                                                  | 42                                        | 42           | E52977            | (1) 300 kcmil–#1 AWG Cu/Al          | 10                        | 4242INT225B    |
| <b>Single-Phase Double Row Breaker Mounting—Copper Bus—120/240 Vac, Three-Wire</b>                                                   |                                           |              |                   |                                     |                           |                |
| 125                                                                                                                                  | 8                                         | 16           | E5297             | (1) 2/0–#14 AWG Cu/Al               | 20                        | 816INT125BC    |
| 125                                                                                                                                  | 12                                        | 12           | E5297             | (1) 2/0–#14 AWG Cu/Al               | 20                        | 1212INT125BC   |
| 200                                                                                                                                  | 12                                        | 24           | E5297             | (1) 300 kcmil–#1 AWG Cu/Al          | 20                        | 1224INT200BC   |
| <b>Three-Phase Double Row Breaker Mounting—Aluminum Bus—208Y/120 Vac, Four-Wire—240 Vac, Three-Wire—120/240 Vac, Four-Wire Delta</b> |                                           |              |                   |                                     |                           |                |
| 125                                                                                                                                  | 12                                        | 34           | E52977            | (1) 2/0–#8 AWG Cu/Al                | 10                        | 1224INT3125B   |
| 150                                                                                                                                  | 18                                        | 36           | E52977            | (1) 300 kcmil–#2 AWG Cu/Al          | 10                        | 1836INT3150B   |
| 150                                                                                                                                  | 24                                        | 42           | E52977            | (1) 300 kcmil–#2 AWG Cu/Al          | 10                        | 2442INT3150B   |
| 200                                                                                                                                  | 30                                        | 42           | E52977            | (1) 300 kcmil–#2 AWG Cu/Al          | 10                        | 3042INT3200B   |
| 225                                                                                                                                  | 42                                        | 42           | E52977            | (1) 300 kcmil–#2 AWG Cu/Al          | 10                        | 4242INT3225B   |
| <b>Three-Phase Double Row Breaker Mounting—Copper Bus—208Y/120 Vac, Four-Wire—240 Vac, Three-Wire—120/240 Vac, Four-Wire Delta</b>   |                                           |              |                   |                                     |                           |                |
| 125                                                                                                                                  | 12                                        | 24           | E52977            | (1) 2/0–#8 AWG Cu/Al                | 10                        | 1224INT3125BC  |
| 200                                                                                                                                  | 12                                        | 24           | E52977            | (1) 300 kcmil–#2 AWG Cu/Al          | 10                        | 1224INT3200BC  |

## Product Description

Eaton UL classified replacement circuit breakers are available in both 3/4-inch Type CHQ and 1.00-inch Type CL, single- and two-pole configurations. These breakers are classified as direct replacements by Underwriters Laboratories. In addition to a UL listing, they also come with a 15-year warranty.

## Specified vs. UL Classified

Specified breakers are listed by the manufacturer of the panelboard for use in a particular panel. This doesn't mean that the panelboard manufacturer produced the specified breaker; it merely means that the panelboard manufacturer has tested the breaker in the panel. In fact, through the years, Eaton has manufactured thousands of breakers for other panelboard manufacturers.

UL classified breakers are produced by one manufacturer for use in place of the breakers specified on the panelboard. Like specified breakers, UL classified breakers have been tested in the panels for which they are approved.

## Testing

Classified breakers are tested extensively in numerous General Electric®, Siemens®, Murray®, Thomas & Betts®, Square D® and Crouse-Hinds® panels. The tests are conducted with witnesses from Underwriters Laboratories and involve short circuit, temperature and insertion/withdrawal applications. This level of testing ensures that the breakers meet identified standards and have been found suitable by UL for the specified purpose.

## Understanding Classified Breaker Terminology

### Definitions

#### Specified Circuit Breaker—

Each manufacturer lists the brands of circuit breakers that can be used in their panelboards. Often, manufacturers will not list competitors as specified, even though they are suitable replacements.

#### Classified Circuit Breaker—

A breaker that is considered suitable, by a qualified third-party organization, for use in another manufacturer's panelboard.

**Listed Breaker**—The listing of a circuit breaker is by an independent third party. Eaton classified breakers are listed by UL.

**Labeled Breaker**—A breaker with a label affixed by an independent third party.

### Non-CTL Plug-On Replacement Circuit Breakers, Type CHNT 10 kAIC, 120/240 Vac

For use as replacement in loadcenters built prior to 1968 and within the current style loadcenters as indicated in the loadcenter section.

#### 3/4-Inch (19.1 mm) per Pole 120 Vac, Non-CTL 10 kAIC

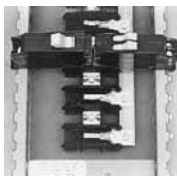
| Ampere Rating | Wire Size Range<br>Cu/Al 60°C or 75°C | Single-Pole Requires<br>One 3/4-Inch (19.1 mm) Space<br>10 per Shelf Carton<br>Catalog Number |
|---------------|---------------------------------------|-----------------------------------------------------------------------------------------------|
| 15–15         | #14–8                                 | CHNT1515 <sup>①②</sup>                                                                        |
| 15–20         | #14–8                                 | CHNT1520 <sup>①②</sup>                                                                        |
| 20–20         | #14–8                                 | CHNT2020 <sup>①②</sup>                                                                        |



### CTL Plug-On Circuit Breakers, Type CHT Twin 10 kAIC, 120/240 Vac

All circuit breakers have rejection feature. Use only with loadcenters marked for use with CHT breakers.

Type CH and CHT  
Circuit Breakers  
Mounted in Twin  
Breaker Panel



#### Twin (CTL) 3/4-Inch (19.1 mm) per Pole 120 Vac Class CTL 10 kAIC

| Ampere Rating | Wire Size Range<br>Cu/Al 60°C or 75°C | Single-Pole Requires<br>One 3/4-Inch (19.1 mm) Space<br>10 per Shelf Carton<br>Catalog Number |
|---------------|---------------------------------------|-----------------------------------------------------------------------------------------------|
| 15–15         | #14–8                                 | CHT1515 <sup>①②</sup>                                                                         |
| 15–20         | #14–8                                 | CHT1520 <sup>①②</sup>                                                                         |
| 20–20         | #14–8                                 | CHT2020 <sup>①②</sup>                                                                         |



### Notes

- ① Switching duty rated.
- ② HACR rated.



## Type CH Renovation Loadcenter

### Product Description

Eaton's Renovation Loadcenter is designed for the service contractor. With the addition of a five-circuit terminal block factory mounted in the top left corner of the loadcenter, the service contractor can terminate short-circuit wires instead of having to use expensive wire nuts. Also, the Renovation Loadcenter incorporates a twin-stacked neutral design that places the neutral and ground terminations higher in the loadcenter.

Both of these features were added without increasing any size from a standard loadcenter. These features will eliminate the need for wire nuts and make for a much neater installation. There is a provision to field mount a second five-circuit terminal block (RN5TB) in the top right corner of the loadcenter. Choose amongst Eaton's Type CH breaker family for use in the Renovation Panel.

### Product Selection

#### Renewal Parts List for Type CH Renovation Loadcenter Covers and Deadfronts

##### Renovation Panel



#### Single-Phase, Three-Wire—120/240 Vac—Factory-Bonded Stacked Split Neutral

| Main Breaker Type | Main Ampere Rating | Max. Number 3/4-Inch (19.1 mm) of Poles | Enclosure Type | Box Size | Wire Size Range Cu/Al 60 or 70°C for Main Breakers | Loadcenter Catalog Number | Cover Catalog Number <sup>②</sup> |         |
|-------------------|--------------------|-----------------------------------------|----------------|----------|----------------------------------------------------|---------------------------|-----------------------------------|---------|
|                   |                    |                                         |                |          |                                                    |                           | Combination                       | Surface |
| CH                | 100                | 20                                      | Indoor         | C        | #6–1/0                                             | CH22B100CRN               | CH8CFF                            | CH8CS   |
| CSH               | 150                | 32                                      | Indoor         | J        | #2–300 kcmil                                       | CH32B150JRN               | CH8JF                             | CH8JS   |
| CSH               | 200                | 32                                      | Indoor         | J        | #2–300 kcmil                                       | CH32B200JRN               | CH8J                              | CH8JS   |
| CSH               | 200                | 42                                      | Indoor         | K        | #2–300 kcmil                                       | CH42B200KRN               | CH8KF                             | CH8KS   |

#### Branch Circuit Breakers (CH)

See Volume 1—Residential and Light Commercial, CA08100002E, Tab 1.

#### Renovation Loadcenter

| Description                             | Catalog Number              |
|-----------------------------------------|-----------------------------|
| Five-circuit terminal block kit         | <b>RN5TB</b>                |
| Ground bar kits (two maximum per panel) | (See <b>Page V12-T5-4</b> ) |

#### Notes

① 100A main breaker is rated 10 kAIC.

② Combination style covers may be used in surface or flush applications.

All main circuit breaker loadcenters are listed for use as service entrance equipment. Loadcenters are factory-bonded for service entrance applications. Remove bonding strap for separate neutral and ground bars for sub-feed applications.

## Plug-On Neutral Loadcenter

### Product Description

Code changes and higher safety standards are leading to more arc fault and ground fault circuit interrupter installations. Eaton offers a unique product solution that enables a direct connection of the breaker to the neutral bar, eliminating the need for wiring a pigtail.

### Features and Benefits

- Time savings up to 25% per AFCI/GFCI installation
- Eliminates nuisance tripping due to loose pigtail connections
- Clean gutter space
- Easier troubleshooting due to less wiring
- Backed by a limited lifetime warranty

### Product Selection

#### Plug-On Neutral Loadcenter



#### Main Breaker Plug-On Neutral Loadcenters

| Main Breaker Type | Main Ampere Rating | Max. Number 3/4-Inch Circuits | Max. Number of Poles | Enclosure Type | Box Size | Wire Size Range Cu/Al | Catalog Number | Cover Catalog Number |         |
|-------------------|--------------------|-------------------------------|----------------------|----------------|----------|-----------------------|----------------|----------------------|---------|
|                   |                    |                               |                      |                |          |                       |                | Combination          | Surface |
| CSH 35 kAIC       | 100                | 24                            | 24                   | Indoor         | E        | #2–300 kcmil          | CH24BPN100E    | CH8EF                | CH8ES   |
|                   | 200                | 32                            | 32                   | Indoor         | J        | #2–300 kcmil          | CH32BPN200J    | CH8JF                | CH8JS   |
|                   | 200                | 42                            | 42                   | Indoor         | K        | #2–300 kcmil          | CH42BPN200K    | CH8KF                | CH8KS   |
|                   | 200                | 60                            | 120 <sup>①</sup>     | Indoor         | N        | #2–300 kcmil          | CH60BPN200N    | CH8NF                | —       |

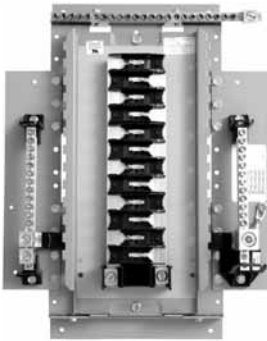
#### Main Lug Only/Convertible Plug-On Neutral Loadcenters—With Factory Installed Main Lugs

| Max. Ampere Rating | Max. Number 3/4-Inch Poles | Enclosure Type | Box Size | Catalog Number | Wire Size Range for Main Lug | Main Breaker Kit | Wire Size Range For Main Breaker | Cover Catalog Number |         |
|--------------------|----------------------------|----------------|----------|----------------|------------------------------|------------------|----------------------------------|----------------------|---------|
|                    |                            |                |          |                |                              |                  |                                  | Combination          | Surface |
| 125                | 24                         | Indoor         | E        | CH24NLPN125E   | #6–300 kcmil                 | CSH2100N         | #2–300 kcmil                     | CH8NLEF              | CH8NLES |
|                    |                            |                |          |                |                              | CSH2125N         |                                  |                      |         |
| 225                | 32                         | Indoor         | J        | CH32NLPN225J   | #6–300 kcmil                 | CSH2125N         | #2–300 kcmil                     | CH8NLJF              | CH8NLJS |
|                    |                            |                |          |                |                              | CSH2200N         |                                  |                      |         |
|                    |                            |                |          |                |                              | CSH2100N         |                                  |                      |         |
| 225                | 42                         | Indoor         | K        | CH42NLPN225K   | #6–300 kcmil                 | CSH2125N         | #2–300 kcmil                     | CH8NLKF              | CH8NLKS |
|                    |                            |                |          |                |                              | CSH2150N         |                                  |                      |         |
|                    |                            |                |          |                |                              | CSH2200N         |                                  |                      |         |

#### Note

<sup>①</sup> Requires the use of type CHNT breakers.

## Type CH Retrofit Interior Kits



Type CH Retrofit Adjustable Interior



Type CH Retrofit Interior Collar and Assembly with Trim

### Product Description

Replacing existing loadcenters and panelboards can be a time consuming and expensive job. CH retrofit kits can be the solution to save time and money. The kit consists of a standard trim to fit the interior, a picture frame trim to fit the existing box, and a field-adjustable interior assembly that includes neutral and ground bars. These are especially applicable when the existing box is flush mounted in drywall, plaster or block wall. The existing box, and many times existing wiring, can remain.

### Features and Benefits

#### *Upgrading Existing Electrical Infrastructure is Simple*

- Replaces vintage brands that have hard to find, expensive replacement breakers
- Allows safety upgrade to arc fault and ground fault breakers
- Maximizes number of circuits available with compact design
- Meets 2008 NEC wire bending requirements
- Eco-friendly in asbestos-filled environments
- Exclusive design

#### *Save Time and Money Throughout the Installation*

- Uses existing panel box and wires
- Eliminates expensive drywall/paint repair
- Saves 2–3 hours compared to a complete panel changeout—get off the job faster
- Eliminates precise measurements with field-adjustable kit

### Detailed Product Guide

All standard retrofit kits are suitable for a range of existing box sizes:

- Box width ranging from 14.50 to 22.00 inches (368.3 to 558.8 mm)
- Box depth ranging from 4.25 inches (108.0 mm) for CH to 6.00 inches (152.4 mm)
- Box height ranging from 21.00 to 45.00 inches (533.4 to 1143.0 mm)

For box dimensions outside of these ranges, contact the Lincoln Flex Center at 800-330-6479. Be sure to provide the existing incoming line wire size.

### Standards and Certifications

Interiors are UL Recognized under UL 67, Panelboard standard.

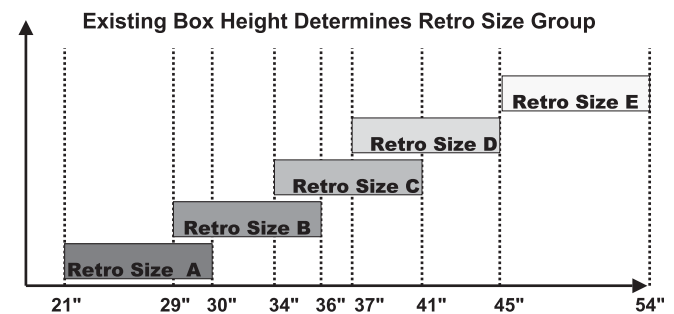
### Product Selection

To select the retrofit kit:

1. From the existing box size determine which retrofit groups are suitable (may be more than one).
2. Use type of interior, number of phases, and type of main to find the selection chart.

3. Select part number from chart (if main breaker, replace XXX with specific amp rating).
4. Note that the overlap of the existing wall is the retro cover size minus the existing box size. If specific measurements are needed, communicate that you need a custom trim size.
5. Contact the Lincoln Flex Center at 800-330-6479 for pricing, lead-times and order entry instructions.

### Retro Size Groups



**Retrofit Stocking Kits (BR and CH Kits Available)** ①②

Five recommended groups: existing box height determines retro group size.

| Description                         | Retrofit Kit Interior Catalog Number | Collar Catalog Number | Cover Catalog Number | Existing Enclosure Parameters—Inches (mm) |                              |                            | Existing Box Height Determines Retro Size Group—Inches (mm) |
|-------------------------------------|--------------------------------------|-----------------------|----------------------|-------------------------------------------|------------------------------|----------------------------|-------------------------------------------------------------|
|                                     |                                      |                       |                      | Height                                    | Width                        | Depth                      |                                                             |
| BR-Aluminum Bus/CH-Copper Bus       |                                      |                       |                      |                                           |                              |                            |                                                             |
| BR 125A MLO 12/24 circuit retro kit | RAABR12L125                          | Included              | Included             | 14.00–18.00<br>(355.6–457.2)              | 10.50–12.50<br>(266.7–317.5) | 3.50–5.25<br>(88.9–133.35) | Retro size AA/size<br>14.00–21.00 (355.6–533.4)             |
| BR 100A MCB 10/20 circuit retro kit | RAABR10B100                          | Included              | Included             | 14.00–18.00<br>(355.6–457.2)              | 10.50–12.50<br>(266.7–317.5) | 3.50–5.25<br>(88.9–133.35) | Retro size AA/size<br>14.00–21.00 (355.6–533.4)             |
| BR 125A MLO 12/24 circuit retro kit | RAABR12L125A                         | Included              | Included             | 14.00–21.00<br>(355.6–533.4)              | 10.50–15.50<br>(266.7–393.7) | 3.50–5.25<br>(88.9–133.35) | Retro size AA/size<br>14.00–21.00 (355.6–533.4)             |
| BR 100A MCB 10/20 circuit retro kit | RAABR10B100A                         | Included              | Included             | 14.00–21.00<br>(355.6–533.4)              | 10.50–15.50<br>(266.7–393.7) | 3.50–5.25<br>(88.9–133.35) | Retro size AA/size<br>14.00–21.00 (355.6–533.4)             |
| CH interior 125A MCB 22 circuits    | RACH22B125I                          | RACHFRAME             | CH8CF                | 21.00–30.00<br>(533.4–762.0)              | 13.00–22.00<br>(330.2–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size A/size<br>21.00–30.00 (533.4–762.0)              |
| CH interior 125A MLO 24 circuits    | RACH24L125I                          | RACHFRAME             | CH8CF                | 21.00–30.00<br>(533.4–762.0)              | 13.00–22.00<br>(330.2–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size A/size<br>21.00–30.00 (533.4–762.0)              |
| CH interior 150A MCB 24 circuits    | RBCH24B150I                          | RACHFRAME             | CH8EF                | 29.00–36.00<br>(736.6–914.4)              | 13.00–22.00<br>(330.2–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size B/size<br>29.00–36.00 (736.6–914.4)              |
| CH interior 225A MLO 32 circuits    | RBCH32L225I                          | RACHFRAME             | CH8DF                | 29.00–36.00<br>(736.6–914.4)              | 13.00–22.00<br>(330.2–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size B/size<br>29.00–36.00 (736.6–914.4)              |
| CH interior 200A MCB 32 circuits    | RCCH32B200I                          | RCCHFRAME             | CH8JF                | 34.00–41.00<br>(863.3–1041.4)             | 13.00–22.00<br>(330.2–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size C/size<br>34.00–41.00 (863.3–1041.4)             |
| CH interior 225A MLO 42 circuits    | RCCH42L225I                          | RCCHFRAME             | CH8GF                | 34.00–41.00<br>(863.3–1041.4)             | 13.00–22.00<br>(330.2–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size C/size<br>34.00–41.00 (863.3–1041.4)             |
| CH interior 200A MCB 42 circuits    | RDCH42B200I                          | RDCHFRAME             | CH8KF                | 37.00–45.00<br>(939.8–1143.0)             | 13.00–22.00<br>(330.2–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size D/size<br>37.00–45.00 (939.8–1143.0)             |
| CH interior 225A MLO 42 circuits    | RDCH42L225I                          | RDCHFRAME             | CH8KF                | 37.00–45.00<br>(939.8–1143.0)             | 13.00–22.00<br>(330.0–558.8) | 4.25–6.00<br>(108.0–152.4) | Retro size D/size<br>37.00–45.00 (939.8–1143.0)             |

**Notes**

① Other options are available.

② CH retrofit interiors and collar cartons are color coded to ensure accuracy of kit.

## Surge Panel

### Product Description

Eaton's Type CH Surge Loadcenter includes a factory-mounted and wired surge suppressor device. There is a knockout in the cover that allows the user to view the status indication lights on the surge suppressor. The CH Surge Loadcenter reduces the surge current, helping to protect sensitive home electronic equipment.



Save labor by installing a factory-mounted surge protective device.

### Factory-Installed Surge Protection

- Includes a CHSPULTRA and a two-pole 15A circuit breaker
- Increases the effectiveness of surge protection due to reduced lead length
- A modified deadfront allows for easy viewing of indicating lights

### Surge Ready

- Provides a mounting provision for CHSPULTRA
- A modified deadfront allows for easy viewing of indicating lights

### Surge Panel



### Replacement Covers for Surge Panels

| Catalog Number | Cover Number | Replacement Module |
|----------------|--------------|--------------------|
| CHSUR22B100D   | CHPC8DF      | CHSPT2ULTRA        |
| CHSUR24L125D   | CHPC8DF      | CHSPT2ULTRA        |
| CHPC22B100D    | CHPC8DF      | CHSPT2ULTRA        |
| CHPC24L125D    | CHPC8DF      | CHSPT2ULTRA        |
| CHPC12L125C    | CHPC8CF      | CHSPT2ULTRA        |
| CHPC30B100J    | CHPC8JF      | CHSPT2ULTRA        |
| CHPC32L150J    | CHPC8JF      | CHSPT2ULTRA        |
| CHSUR32B150L   | CHPC8B32LF   | CHSPT2ULTRA        |
| CHSUR32B200L   | CHPC8B32LF   | CHSPT2ULTRA        |
| CHSUR32L225L   | CHPC8B32LF   | CHSPT2ULTRA        |
| CHPC32B125L    | CHPC8B32LF   | CHSPT2ULTRA        |
| CHPC32B150L    | CHPC8B32LF   | CHSPT2ULTRA        |
| CHPC32B200L    | CHPC8B32LF   | CHSPT2ULTRA        |
| CHPC32N200L    | CHPC8B32LF   | CHSPT2ULTRA        |
| CHSUR42B200L   | CHPC8B42LF   | CHSPT2ULTRA        |
| CHPC42B150L    | CHPC8B42LF   | CHSPT2ULTRA        |
| CHPC42B200L    | CHPC8B42LF   | CHSPT2ULTRA        |
| CHPC42N200L    | CHPC8B42LF   | CHSPT2ULTRA        |
| CHSUR42L225L   | CHPC8L42LF   | CHSPT2ULTRA        |
| CHPC42L225L    | CHPC8L42LF   | CHSPT2ULTRA        |

## Further Information

| Publication<br>Number | Description                                              |
|-----------------------|----------------------------------------------------------|
| CA08100002E           | Volume 1—Residential and Light Commercial Catalog, Tab 1 |
| CA08100011E           | Volume 9—OEM Product Guide                               |

## Pricing Information

*Price and Availability Digest (PAD)*

Vista/VISTALINE™ Discount Symbol 22CD