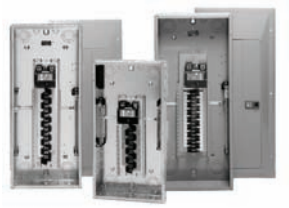
BR Renovation and CH Loadcenters



5 Loadcenters

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

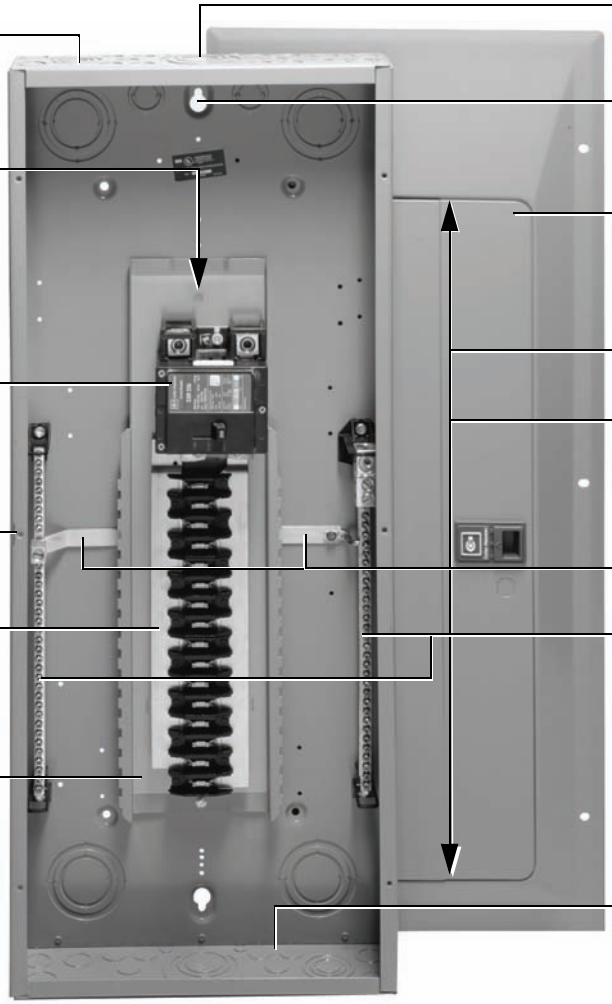
Type CH Family

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



Extra 1.50-Inch (38.1 mm) Knockout for Bundling
Provides for easier installation, less installation time.

Top or Bottom Feed
- Straight-in wiring saves labor and material
- Only one panel for either application—no modifications necessary

Commercial Grade Main Breaker
- 35 kAIC series rated main breaker in 150 and 200A loadcenters
- 42 and 100 kAIC series ratings available

Drywall Marking on Enclosure
Indicates proper mounting depth for flush applications.

One-Piece Silver Flash Plated Copper Bus
Provides superior conductivity throughout the entire product line.

Steel Backpan
- Provides positive, reliable breaker mounting
- One-piece designed for stability

Convertible Styles Available
- Uses field-installable main breaker or main lug kits
- Flexible inventory—same breaker is used in loadcenter and circuit breaker enclosures

"Tangential" Center Knockout for easier installation

Single Keyhole Mounting
Just one keyhole at top and bottom for easier mounting and leveling.

Unique Sandalwood Finish
Immediately recognizable, aesthetically appealing, scratch-resistant powder coating.

Separately Packaged Covers
- Full line of "true" surface and combination covers
- Built-in flush leveling feature
- Choice of circuit identification by breaker labels or circuit directory

Neutral Design
(for styles as indicated)
- Bonding strap is easily removable for sub-panel applications providing a ground and neutral
- Factory-bonded for service entrance applications providing a split neutral
- Ample additional 2/0 lugs provided; no kits necessary
- 200% size neutral

Improved Endwall Knockouts
Larger KOs are balanced to enhance installed appearance and to ease use of existing wiring.

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) ①	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) ①	Metal latch, single neutral, CH7_S or F. (Blank is 2 letters indicating box size, i.e., BB, CC, JJ, KK.)						■	■	■		
Vintage-2 (CH2) ①	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) ①	Catalog numbers start with "BR" or "3BR"									■	■
Vintage-1 (BR1) ①	Twin neutral, combination trim							■	■		
Vintage-2 (BR2) ①	Single neutral, combination trim						■				
Vintage-3 (BR3) ①	Single neutral, surface or flush trim						■				

Replacement Capabilities

Replacement Capabilities

Type	Loadcenter Generations						
Part ②	**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	■	■	■	■	■	■	■

Notes

① 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.

② Catalog number of loadcenter required to obtain correct part.

CHSF2125

CHSF3125

CHFP

TDL

BINA

CHRLS

Type CH Replacement Parts

Description	Ordering Quantity ①	Catalog Number
Subfeed lug blocks—two-pole, 125A, 3/4-inch (19.1 mm) spaces needed	1	**CHSF2125**
Subfeed lug blocks—three-pole, 125A, 3/4-inch (19.1 mm) spaces needed	1	**CHSF3125**
Neutral/ground lug—add-on neutral or ground lug	1	**NL20**
	1	**NL30**
	1	**NL300**
Filler plates—3/4-inch (19.1 mm) space circuit breaker space	25	**CHFP**
CSR main circuit breaker filler plate (with hardware)	1	**CSRFP**
Door lock—12–42 circuits, and 100–225A	1	**TDL**
Sandlewood spray paint	1	**SPCSW**
ANSI-61 light gray touchup paint for outdoor loadcenters	1	**SPC61**
Isolated neutral assembly (computer circuits)	1	**BINA**
Circuit directory—adhesive backed	10	**TCD**
Cover screws	25	**LCCS**
Cover replacement latch 14-5/16 inch (363.55 mm) wide loadcenters only	1	**CHRLS**
Circuit marking strip (next to breakers)	10	**CHMS**
Circuit identification label (preprinted breaker labels next to breakers)	25	**CHBL**
Series rated caution label	25	**SRL**
Branch circuit numbering strip	20	**CHNS**
Bonding strap with screw	1	**BSSUSE**
125A retainer bracket for sub-fed devices	1	**CH125RB**
Replacement lock 400A devices	1	**52-2751**
Replacement latch for NEMA 3R—four circuits and above	1	**CH3RLATCH**
Lock for vintage CH7 cover	1	**CH9FL**

Mechanical Interlocks

CH8BRM Type A

CH8EFM Type B

Type	Fits Loadcenter Catalog Numbers	Mechanical Interlock Panel Cover Catalog Number Flush	Surface
A	CH12L125B, CH16L125B, CH12L3125B, CH14B100B	**CH8BFM**	**CH8BSM**
	CH20L125C, CH24L125C, CH18L3125C, CH24L3125C, CH22B100C, CH22N100C	**CH8CFM**	**CH8CSM**
	CH24L150D, CH32L150D, CH24L3225D, CH30L3150D	**CH8DFM**	**CH8DSM**
	CH42L225G, CH42L3225G	**CH8GFM**	**CH8GSM**
	Inner cover of Box B raintight	—	**CH8BRM**
	Inner cover of Box C raintight	—	**CH8CRM**
B	CH24B150E, CH24B200E	**CH8EFM**	**CH8ESM**
	CH32B150J, CH32B200J, CH3242B200J, CH32N200J, CH32B225J	**CH8JFM**	**CH8JSM**
	CH42B200K, CH42N200K, CH42B225K	**CH8KFM**	**CH8KSM**
	CHPC32B150L, CHPC32B200L, CHPC32N200L	**CHPC8B32LFM**	—
	CHPC42B150L, CHPC42B200L, CHPC42N200L	**CHPC8B42LFM**	—
	CH8B150RF, CH8B200RF, CH8N200RF, CH24B150R, CH24B200R	**CH3RDF7M**	—
	CH32B150R, CH32B200R, CH32N200R, CH32B225R	**CH3RDF9M**	—
	CH42B200R, CH42N200R, CH42B225R	**CH3RDF10M**	—

Note

① Must be purchased in multiples of ordering quantities indicated.

DS100H1

Replacement Rainproof Conduit Hubs

Description	Conduit Size Inches (mm)	Ordering Quantity ①	Catalog Number
Group 1—for use with 70, 100 and 125A MLO and MCB loadcenters and circuit breaker enclosures, and the following 150 and 200A panels: CH8B150RF, CH8B200RF	0.75 (19.1)	1	**DS075H1**
	1.00 (25.4)	1	**DS100H1**
	1.25 (31.8)	1	**DS125H1**
	1.50 (38.1)	1	**DS150H1**
	2.00 (50.8)	1	**DS200H1**
Group 2—for use with 150, 200 and 225A MLO and MCB loadcenters and circuit breaker enclosure except for the following 150 and 200A panels: CH8B150RF, CH8B200RF	2.00 (50.8)	1	**DS200H2**
	2.50 (63.5)	1	**DS250H2**
	3.00 (76.2)	1	**DS300H2**
Adapter kit—allows Installing a Group 1 hub on devices arranged for Group 2 hubs	—	1	**DS900AP**
Group 1—small blank hub closure plate	—	1	**DS900CP1**
Group 2 —large blank hub closure plate	—	1	**DS900CP2**

GBK14

Replacement Ground Bar Kits

Description (See Legend)	Length Inches (mm)	Ordering Quantity ②	Catalog Number
	2.54 (64.5)	1	**GBK5** ②
	3.59 (91.2)	1	**GBK520** ②
	4.29 (109.0)	1	**GBK10** ②
	5.34 (135.6)	1	**GBK1020** ②
	4.61 (117.1)	1	**GBK13** ②
	5.69 (144.5)	1	**GBK14** ②
	6.74 (171.2)	1	**GBK1420** ②
	8.14 (206.8)	1	**GBK21** ②
	9.19 (233.4)	1	**GBK2120** ②
	7.94 (201.7)	1	**CH9GP21** ③④

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

Replacement Grounded "B" Phase Adapters

Maximum Amperes	Three-Phase Loadcenter Types of Panels	Kit Catalog Number ⑤
125	12–32 circuit main lug	**CHGRD1**
225	Main lug and CHH main breaker panels	**CHGRD2**
	CC main CB panels	**CHGRD3**

Replacement Neutral Lugs for Vintage Loadcenters

Description	Catalog Number
Vintage 1 (CH1) 125A	**CH9CM1**
Vintage 1 (CH1) 225A	**CH9CM2**
Vintage 2 (CH2) 125A	**CH9SU3**
Vintage 2 (CH2) 225A	**CH9SU2**

Replacement Neutral Bar Accessories

Description	Catalog Number ⑤
Split neutral kit for 22 circuit 125A maximum	**CHSN125C**
Split neutral kit for 32 circuit 200A maximum	**CHSN225J**
Split neutral kit for 42 circuit 200A maximum	**CHSN225K**
Replacement neutral for all C type boxes	**CHN125C**
Replacement neutral for all D type boxes	**CHN125D**
Replacement neutral for all L type boxes	**CHN225L**
Isolated Neutral Assembly (computer circuits)	**BINA**

Notes

① Must be purchased in multiples of ordering quantities indicated.
② Distance between mounting holes is 1-3/4 inches (44.5 mm).
③ For single- and three-phase 400A loadcenters.
④ Distance between mounting holes is 2-13/32 inches.
⑤ Cannot be used in Safety Breaker Panels. Classic Plus Panels only.

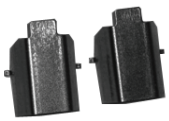
CHHT

CHPL

CHPLGF

MCBPL

CHLO



CH125RB

CH9MB270

CHML

Breaker Replacement Accessories

Description	Ordering Quantity ①	Catalog Number
Handle Ties ②		
Handle tie bar for physically joining the handles of two adjacent single-pole Type CH circuit breakers (molded plastic handle cover)	25	**CHHT**
Handle Lockoffs ③④		
Padlockable device for locking the handle of single-, two- or three-pole Type CH circuit breakers (escutcheon mounted) ⑤	1	**CHPL**
Padlockable device for locking the handle of a single-, two- or three-pole Type CHGFI circuit breaker (escutcheon mounted) ⑤	1	**CHPLGF**
Padlockable device for locking the handle of main circuit breaker Types CC and CCH into the ON or OFF position.(screw mounted) ⑥	1	**CCPL**
Padlockable device for locking the handle of main breaker Types BW and CSR into the ON or OFF position (escutcheon mounted) ⑤	1	**MCBPL**
Handle Lockdogs ④⑦		
Device used to secure handle in ON or OFF position for single-pole Type CH circuit breakers (handle mounted) ⑧	10	**CHLO**
Hold-Down Kits ⑨		
Hold-down retainer kit for single-, two-, three-pole Type CH circuit breakers. For 6–24 circuit 125A single- and three-phase, 12–42 circuit single-phase 225A and 24–42 circuit three-phase 225A MLO Type CH loadcenters	1	**CH125RB**
Hold-down retainer kit for single-, two-, three-pole Type CH circuit breakers for 2–4 circuit MLO CH loadcenters.	1	**CH125RB24**
Mounting Bases		
Mounting base for two-pole Type CH circuit breaker—70A maximum	1	**CH9MB270**
Main Breaker Lug Kits		
Types CC and CCH main breaker lug kit (2) 300 kcmil	1	**CCL300**
Type CSR main breaker lug kit (2) 300 kcmil	1	**MCBL300**
Mechanical Interlock		
Type CH for two-, three- and four-pole breakers	10	**CHML**
	10	**CHPLOFF**
	10	**CHPLOFFA**
	10	**CHL1P**
	10	**CHL2P**

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).

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	BH8DS	—	—	**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	—	—	CH3RD00R12	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
CH30JJM150N	CH7JJS	CH7JJF	—	—
CH30JJM200N	CH7JJS	CH7JJF	—	—
CH40KKM200N	CH7KKS	CH7KKF	—	—
CH14BBM100	CH7BBS	CH7BBF	CH7BBSM	CH7BBFM
CH14BBM100R	—	—	—	—
CH18CCM100	CH7CCS	CH7CCF	—	—
CH18CCM100R	—	—	—	—
CH22CCM125	CH7CCS	CH7CCF	—	—
CH22CCM125R	—	—	—	—
CH20JJM150	CH7JJS	CH7JJF	—	—
CH20JJM150R	—	—	—	—
CH20JJM200	CH7JJS	CH7JJF	—	—
CH20JJM200R	—	—	—	—
CH24JJM150	CH7JJS	CH7JJF	—	—
CH24JJM150R	—	—	—	—
CH24JJM200	CH7JJS	CH7JJF	—	—
CH24JJM200R	—	—	—	—
CH30JJM150	CH7JJS	CH7JJF	—	—
CH30JJM150R	—	—	—	—
CH30JJM200	CH7JJS	CH7JJF	—	—
CH30JJM200R	—	—	—	—
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	—	—	—	—
CH30JJM150H	CH7JJS	CH7JJF	—	—
CH30JJM150HR	—	—	—	—
CH30JJM200H	CH7JJS	CH7JJF	—	—
CH30JJM200HR	—	—	—	—
CH40KKM200H	CH7KKS	CH7KKF	—	—
CH40KKM200HR	—	—	—	—
CH42KKM225H	CH7KKS	CH7KKF	—	—
CH42KKM225HR	—	—	—	—
CH1420BBM100	CH7BBS	CH7BBF	—	—
CH1420BBM100R	—	—	—	—
CH1824CCM100	CH7CCS	CH7CCF	—	—
CH1824CCM100R	—	—	—	—
CH3040JJM200	CH7JJS	CH7JJF	—	—
CH3040JJM200	—	—	—	—

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 1.00-Inch (25.4 mm) Spaces	Maximum Number 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
Single-Phase, Single-Row Breaker Mounting—Copper Bus 120/24 Vac, Three-Wire						
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
Single-Phase, Double-Row Breaker Mounting—Copper Bus 120/240 Vac, Three-Wire						
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
Three-Phase, Double-Row Breaker Mounting—Copper Bus 208Y/120 Vac, Four-Wire—240 Vac, Three-Wire—120/240 Vac, Four-Wire Delta						
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

BRSF125

3BRS225

BRL200

TDL

Type BR Replacement Parts and Covers

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 ②	Catalog Number
Main and Subfeed Lug Blocks					
2	125	2	#8–2/0	1	**BRSF125**
	150	2	#8–2/0	1	**BRSF150** ②
	225	4	#2–300 kcmil	1	**BRS225**
3	150	3	#8–2/0	1	**3BRSF150** ②
	225	6	#2–300 kcmil	1	**3BRS225**
Main Lugs					
Two-pole, 200A stud mounted (includes deadfront filler plate)			#1–300 kcmil	1	**BRL200**
Neutral/ground lug Add-on neutral or ground lug			#2/0 maximum	1	**NL20**
			#3/0 maximum	1	**NL30**
			300 kcmil maximum	1	**NL300**
Filler Plates					
1.00-inch (25.4 mm) circuit breaker space				25	**BRFP**
BW main circuit breaker space (with hardware)				1	**BWFP**
Door lock —12–42 circuits, and 100–225A				1	**TDL**
Door lock—4–8 circuits, 125A				1	**CH9FL**
ANSI-61 light gray touchup paint for current loadcenters				1	**SPC61**
Isolated neutral assembly (computer circuits)				1	**BINA**
Circuit directory—adhesive backed				10	**TCD**
Cover screws				25	**LCCS**
Cover replacement latch (gray) 14-5/16 (363.5 mm) wide loadcenters only				1	**BRRL**
Circuit marking strip (next to breaker)				10	**BRMS**
Circuit identification label (preprinted breaker labels)				25	**CHBL**
Series rated caution label				25	**SRL**
Bonding strip with screw				1	**BSSUSE**

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**

Notes

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

DS300H2

Replacement Rainproof Conduit Hubs

Description	Conduit Size Inches (mm)	Ordering Quantity ①	Catalog Number
Group 1—for use with 70, 100 and 125A MLO and MCB loadcenters and circuit breaker enclosures and the following 150 and 200A panels: BR48B200RF	0.75 (19.1)	1	**DS075H1**
	1.00 (25.4)	1	**DS100H1**
	1.25 (31.8)	1	**DS125H1**
	1.50 (38.1)	1	**DS150H1**
	2.00 (50.8)	1	**DS200H1**
Group 2—for use with 150, 200 and 225A MLO and MCB loadcenters and circuit breaker enclosures except for the following 200A loadcenters: BR48B200RF. Also for use with 400 and 600A loadcenters and New York City loadcenters manufactured after November 1, 2005	2.00 (50.8)	1	**DS200H2**
	2.50 (63.5)	1	**DS250H2**
	3.00 (76.2)	1	**DS300H2**
Type H conduit hubs for loadcenters PL0724R and S3100RN	0.75 (19.1)	1	**RH75P**
	1.00 (25.4)	1	**RH100P**
	1.25 (31.8)	1	**RH125P**
	1.50 (38.1)	1	**RH150P**
Adapter kit—Allows Installing a Group 1 hub on devices arranged for Group 2 hubs	—	1	**DS900AP**
Group 1 small blank hub plate with bump	—	1	**DS900CP1**
Group 2 Large blank hub plate with bump	—	1	**DS900CP2**

GBK14

BRGBK39512

Replacement Ground Bar Kits

Description (See Legend)	Length Inches (mm)	Ordering Quantity ①	Catalog Number
●○○○○●○	2.54 (64.5)	1	**GBK5** ②
●○○○○●○■	3.59 (91.2)	1	**GBK520** ②
●○○○○●○○○○○○	4.29 (109.0)	1	**GBK10** ②
●○○○○●○○○○○○■	5.34 (135.6)	1	**GBK1020** ②
◒●◒◒◒⬓◒●◒⬓◒◒◒	4.61 (117.1)	1	**GBK13** ②
●○○○○●○○○○○○○○○	5.69 (144.5)	1	**GBK14** ②
●○○○○●○○○○○○○○○■	6.74 (171.2)	1	**GBK1420** ②
●○○○○●○○○○○○○○○○○○○○○	8.14 (206.8)	1	**GBK21** ②
●○○○○●○○○○○○○○○○○○○○○■	9.19 (233.4)	1	**GBK2120** ②
◒⬓◒●◒⬓◒◒◒⬓◒●◒⬓◒◒◒⬓◒	5.78 (146.8)	1	**BRGBK39512** ③④
○○○○○	1.84 (46.7)	1	**GB4NM** ⑤

Ground Bar Legend

○ (3) #14–10 Cu/Al or (1) #14–4 Cu/Al
■ (1) #6–2/0 Cu/Al
⬓ (1) #14–1/0 Cu/Al or (3) #14–10 Cu/Al
◒ (1) #14–6 Cu/Al or (2) #14–12 Cu/Al
● Mounting Hole

Notes

① Must be purchased in multiples of ordering quantities indicated.
② Distance between mounting holes is 1.75 inches (44.5 mm).
③ For single- and three-phase 400 and 600A applications.
④ Distance between mounting holes is 2.34 inches (59.5 mm).
⑤ For non-metallic enclosures. Snaps into molded base.

THS1

BHLW2

BRQLW

MCBPL (Installed)

BHLW

BRLW2

BREQS125

BRHDK125

Replacement Breaker Accessories

Description	Ordering Quantity ①	Catalog Number
Handle Ties ②		
Handle tie bar for physically joining the handles of two adjacent single-pole Type BR circuit breakers (metal cylinder pin type)	10	**BHT**
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	**THOW**
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	**THS1**
Handle Lockoffs ③		
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) ⑤	10	**BRLW**
Padlockable device for locking the handle of a single-pole Type BR circuit breaker.(handle mounted) ⑤	10	**BRLW1**
Padlockable device for locking the handle of a two- and three-pole Type BR circuit breaker (handle mounted) ⑤	10	**BRLW2**
Padlockable device for locking the handle of a single-pole Type BD Duplex, BQ or BQC Quadplex breaker (handle mounted) ⑤	10	**BRDL1**
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) ④	10	**BRQLW**
Padlockable device for locking the handle of main circuit breaker Types CC and CHH into the ON or OFF position (screw mounted) ⑥	1	**CCPL**
Padlockable device for locking the handle of main breaker Types BW and BWH into the ON or OFF position (escutcheon mounted) ④	1	**MCBPL**
Handle Lockdog ⑦		
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) ⑤	10	**BHLW**
Device used to secure handle in ON or OFF position for single-pole Type BR circuit breakers (handle mounted) ⑤	10	**BHLW1**
Device used to secure handle in ON or OFF position for two- and three-pole Type BR circuit breakers (handle mounted) ⑤	10	**BHLW2**
Device used to secure handle in ON or OFF position for single-pole Type GFCB ground fault circuit breakers (handle mounted) ⑤	10	**BHGW**
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) ⑤	10	**HLW1**
Hold-Down Kits ⑧		
Hold-down retainer kit for three-pole Type BR circuit breakers in S3100 and 3100R loadcenters only	1	**BRHDB**
Hold-down screw kit for two-pole Type BR circuit breakers in single-phase MLO loadcenters through 125A	1	**BREQS125**
Hold-down screw kit for two-pole Type BR circuit breakers in MLO loadcenters 150–225A (single-phase only)	1	**BRHDK125**
Hold-down screw kit for two-pole Types BJ and BJH circuit breakers in MLO loadcenters 125–225A	1	**BJHDS**
Hold-down screw kit for three-pole Types BJ and BJH circuit breakers in MLO loadcenters 125–225A	1	**BJHDS3P**
Main Breaker Lug Kits		
Types CC and CHH main breaker lug kit (2) 300 kcmil	1	**CCL300**
Types BW/BWH main breaker lug kit (2) 300 kcmil	1	**MCBL300**
Mechanical Interlock		
Types BR for two-, three- and four-pole breakers	10	**BRML**

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 Escutcheon mounted: device mounted semipermanently to the face of the circuit breaker and secured by the loadcenter deadfront.
⑤ Handle mounted: device mounted directly to the handle by the use of a set screw.
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 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	—	—	—	**BR3030BC100**	BRCOVC59			
BR1220B100	BRCOVC12	—	—	—	**BR3030B150**	BRCOVC40	—	—	—
BR1224B100R		—	BR3RDOOR2	BR3RDF1	**BR3030B150R**	—	—	BR3RDOOR10	BR3RDF12
BR1224B100SFG	47-37466			47-37469	**BR3030BC150**	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	—	—	—	**BR4040BC200**	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**	BRCOVC66			
2460FNM	—	—	—	—	**BR1224L125RISBP**	BRCOVC66			
2460RNM	—	—	—	—	**BR2024L125RIS**	BRCOVC66			
2460SGNM	—	—	—	—	**BR3040L200**	BRCOVC36	—	—	—
2460SNM	—	—	—	—	**BR3040L200G**	BRCOVC36	—	—	—
4242DFN	315-003-06	—	—	—	**BR3040L200R**	—	—	BR3RDOOR9	BR3RDF8
4242DRIN	—	Not available	—	—	**BR4040L200**	BRCOVC42	—	—	—
4242DSN	—	315-003-05	—	—	**BR4040L200R**	—	—	BR3RDOOR11	BR3RDF9
4242ESN	—	315-003-05	—	—	**BR4242L225**	BRCOVC45	—	—	—
BR1212L125	BRCOVC11	—	—	—	**BR4242L225R**	—	—	BR3RDOOR14	BR3RDF10
BR1224L125	BRCOVC11	—	—	—	**BR48L125FDP**	BRCOVC62 (flush)	—	—	—
BR1224L125DG	BRCOVC11	—	—	—	**BR48L125FGP**	BRCOVC63 (flush)	—	—	—
BR1224L125G	BRCOVC11	—	—	—	**BR48L125FP**	BRCOVC61 (flush)	—	—	—
BR1224L125R	—	—	BR3RDOOR1	BR3RDF3	**BR48L125RP**	—	—	BR3RDOOR26	BR3RDF22
BR1224L200	BRCOVC15	—	—	—	**BR48L125SGP**	—	BRCOVS60	—	—
BR1224L200R	—	—	BR3RDOOR7	BR3RDF6	**BR48L125SP**	—	BRCOVS59	—	—
BR1616L125	BRCOVC14	—	—	—	**BR612L125FDGP**	BRCOVC08	—	—	—
BR1624L125	BRCOVC14	—	—	—	**BR612L125FDP**	BRCOVC08	—	—	—
BR1624L125G	BRCOVC14	—	—	—	**BR612L125FGP**	BRCOVC63	—	—	—
BR1624L125R	—	—	BR3RDOOR2	BR3RDF1	**BR612L125FP**	BRCOVC08	—	—	—
BR1630L150	BRCOVC25	—	—	—	**BR612L125RP**	—	—	BR3RDOOR27	BR3RDF23
BR2020L125	BRCOVC18	—	—	—	**BR612L125SDGP**	—	BRCOVS08	—	—
BR2024L125	BRCOVC18	—	—	—	**BR612L125SDP**	—	BRCOVS08	—	—
BR2024L125G	BRCOVC18	—	—	—	**BR612L125SGP**	—	BRCOVS60	—	—
BR2024L125R	—	—	BR3RDOOR3	BR3RDF2	**BR612L125SP**	—	BRCOVS59	—	—
BR2030L150	BRCOVC25	—	—	—	**BR816L125FDGP**	BRCOVC64 (flush)	—	—	—
BR2040L200	BRCOVC25	—	—	—	**BR816L125FDP**	BRCOVC64 (flush)	—	—	—
BR2040L200G	BRCOVC25	—	—	—	**BR816L125FGP**	BRCOVC09	—	—	—
BR2040L200R	—	—	BR3RDOOR6	BR3RDF7	**BR816L125FP**	BRCOVC09	—	—	—
BR2424L125	BRCOVC24	—	—	—	**BR816L125RP**			BR3RDOOR28	BR3RDF23
BR2424L125G	BRCOVC24	—	—	—	**BR816L125SDGP**		BRCOVS61	—	—
BR2440L200	BRCOVC33	—	—	—	**BR816L125SDP**	—	BRCOVS61	—	—
BR24L125FP	BRCOVC60 (FLUSH)	—	—	—	**BR816L125SGP**		BRCOVS09	—	—
BR24L125RP	—	—	BR3RDOOR25	BR3RDF21	**BR816L125SP**		BRCOVS09	—	—
BR24L125RSE2P	—	—	—	BR3RDF21	**BR816L200RF**	—	—	BR3RDOOR7	BR3RDF6
BR24L125RSEP	—	—	—	BR3RDF21	**BR816LC125FDP**	BRCOVC64 (flush)	—	—	—
BR24L125SP	—	BRCOVS62	—	—	**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	—	—	BR3RDO018	BR3RDF16
3BR2442L150S	—	BRCOVS39	—	—
3BR2442L200	BRCOVC43	—	—	—
3BR2442L200S	—-	BRCOVS43	—	—
3BR3042L200	BRCOVC43	—	—	—
3BR3042L200R	—	—	BR3RDO019	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
3B4242DFN	315-003-28	—	—	—
3B4242DR1N	—	—	Not available	—
3B4242DSN	—	315-003-27	—	—
3B4242EFN	315-003-28	—	—	—
3B4242ESN	—	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
Single-Phase Single Row Breaker Mounting—Aluminum Bus—120/240 Vac, Three-Wire						
70	2	4	—	(1) #8–#2 AWG Cu/Al	20	**24INT70B**
125	2	4	E8741	(1) 1/0–#14 AWG Cu 2/0–12 AWG All	20	**24INT125B**
125	6	12	E52977	(1) 2/0–#14 AWG Cu/Al	20	**612INT125SRB**
Single-Phase Double Row Breaker Mounting—Aluminum Bus—120/240 Vac, Three-Wire						
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**
Single-Phase Double Row Breaker Mounting—Copper Bus—120/240 Vac, Three-Wire						
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**
Three-Phase Double Row Breaker Mounting—Aluminum Bus—208Y/120 Vac, Four-Wire—240 Vac, Three-Wire—120/240 Vac, Four-Wire Delta						
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**
Three-Phase Double Row Breaker Mounting—Copper Bus—208Y/120 Vac, Four-Wire—240 Vac, Three-Wire—120/240 Vac, Four-Wire Delta						
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.

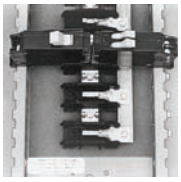
3/4-Inch (19.1 mm) per Pole 120 Vac, Non-CTL 10 kAIC

Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	Single-Pole Requires One 3/4-Inch (19.1 mm) Space 10 per Shelf Carton Catalog Number 120/240 Vac 120/240 Vac
15–15	#14–8	**CHNT1515** ①②
15–20	#14–8	**CHNT1520** ①②
20–20	#14–8	**CHNT2020** ①②

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 Cu/Al 60°C or 75°C	Single-Pole Requires One 3/4-Inch (19.1 mm) Space 10 per Shelf Carton Catalog Number 120/240 Vac 120/240 Vac
15–15	#14–8	**CHT1515** ①②
15–20	#14–8	**CHT1520** ①②
20–20	#14–8	**CHT2020** ①②

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

Single-Phase—Main Circuit Breaker Loadcenters 35 kAIC ①

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 ② 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	**RN5TB**
Ground bar kits (two maximum per panel)	(See **Page V12-T5-5**)

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	Cover Catalog Number 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 ①	Indoor	N	#2–300 kcmil	**CH60BPN200N**	**CH8NF**	—

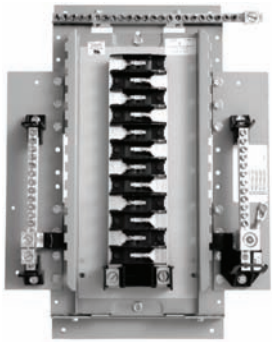
Main Lug Only/Convertible Plug-On Neutral Loadcenters—With Factory Installed Main Lugs

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	Cover Catalog Number 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

① 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

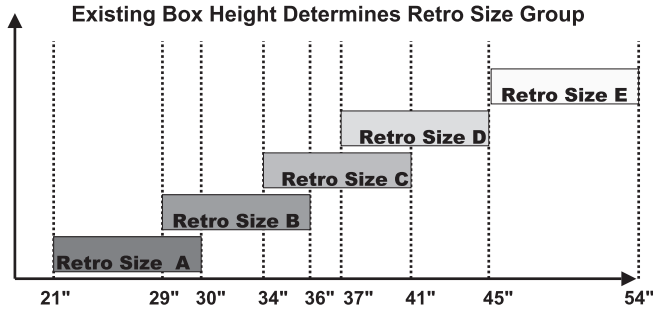
Interiors are UL Recognized under UL 67, Panelboard standard.

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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