# Loadcenters

### BR Renovation and CH Loadcenters



### 5 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**

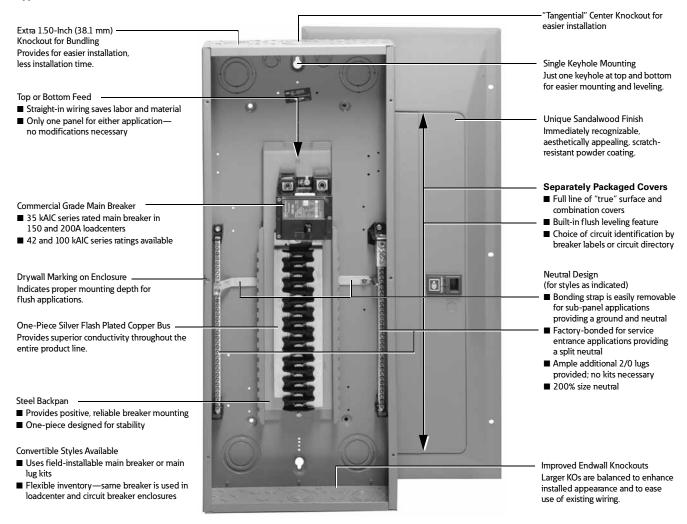
### Type CH Family

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 industryleading 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**



### **Replacement Ground Bar Kits**

GBK14

Description (See Legend)		Length Inches (mm)	Ordering Quantity ①	Catalog Number
<b>●</b> 000	0000	2.54 (64.5)	1	GBK5 ②
●0000		3.59 (91.2)	1	GBK520 ②
●00000●000		4.29 (109.0)	1	GBK10 <sup>②</sup>
●0000●0000	>>>	5.34 (135.6)	1	GBK1020 <sup>②</sup>
		4.61 (117.1)	1	GBK13®
●00000●0000000		5.69 (144.5)	1	GBK14®
●0000●00000000	>>>	6.74 (171.2)	1	GBK1420 <sup>②</sup>
●0000●00000000000000000000000000000000	0000	8.14 (206.8)	1	GBK21 <sup>②</sup>
●0000●00000000000000000000000000000000	2000■	9.19 (233.4)	1	GBK2120 <sup>②</sup>
000000000000000000000000000000000000000		7.94 (201.7)	1	CH9GP21 34
		5.78 (146.8)	1	BRGBK39512 66
OX.	2000	1.84 (46.7)	1	GB4NM ①

### Ground Bar

### Legend

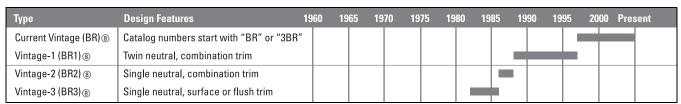
- O = (3) #14-#10 Cu/Al or (1) #14-#4 Cu/Al
- = (1)#6-2/0 Cu/AI
- = (1) 1/0-14 or (3) #10-12 Cu/AI
- = (1) #14-1/0 Cu/Al or (3) #14-#10 Cu/Al
- = Mounting hole

### **Product History Time Line**

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

Туре	Design Features	1960	1965	5 197	70 19	<b>975</b> 1	1980	1985	1990	1995	2000	Present
Current Vintage (CH)®	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) ®	Metal latch, single neutral, CH7_S or F. (Blank is 2 letters indicating box size, i.e., BB, CC, JJ, KK.)											
Vintage-2 (CH2) ®	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



- ① Must be purchased in multiples of ordering quantities indicated.
- ② Distance between mounting holes is 1.75 inches (44.5 mm).
- For single- and three-phase 400 A loadcenters.
- @ Distance between mounting holes is 2.40 inches (61.0 mm).
- $\ ^{\textcircled{5}}$  For single- and three-phase 400 and 600 A applications.
- © Distance between mounting holes is 2.34 inches (59.5 mm).
- <sup>(2)</sup> For non-metallic enclosures. Snaps into molded base.
- ® 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.

## Type CH

## **Replacement Capabilities**

### **Replacement Capabilities**

Туре	Loadcenter Generations							
Part ①	СН	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

	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
I			
NL20	Neutral/ground lug—add-on neutral or ground lug	1	NL20
D. 00			
NL30		1	NL30
NL300		1	NL300
T CC			
CHFP	Filler plates—3/4-inch (19.1 mm) space circuit breaker space	25	CHFP

#### Note

- $^{\scriptsize \textcircled{\tiny 1}}$  Catalog number of loadcenter required to obtain correct part.
- <sup>2</sup> Must be purchased in multiples of ordering quantities indicated.

### Type CH Replacement Parts, continued

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

 ${}^{\scriptsize\textcircled{\tiny{1}}}$  Must be purchased in multiples of ordering quantities indicated.

## Type CH

### Type CH Replacement Parts, continued

	Description	Ordering Quantity ①	Catalog Number
HMS	Circuit marking strip (next to breakers)	1	CHMS
HBL	Circuit identification label (preprinted breaker labels next to breakers)	10	CHBL
PL	Series rated caution label	25	SRL
HNS	Branch circuit numbering strip	25	CHNS
SSUSE	Bonding strap with screw	20	BSSUSE
H125RB	125 A retainer bracket for sub-fed devices	1	CH125RB
	Replacement lock 400 A devices	1	52-2751
H3RLATCH	Replacement latch for NEMA 3R—four circuits and above	1	CH3RLATCH
	Lock for vintage CH7 cover	1	CH9FL

#### Note

 $<sup>^{\</sup>scriptsize \textcircled{\tiny 1}}$  Must be purchased in multiples of ordering quantities indicated.

### **Breaker Replacement Accessories**

	Description	Ordering Quantity ①	Catalog Number
СННТ	Handle Ties ②		
I P,	Handle tie bar for physically joining the handles of two adjacent single-pole Type CH circuit breakers (molded plastic handle cover)	25	СННТ
CHPL	Handle Lockoffs ®®		
101	Padlockable device for locking the handle of single-, two- or three-pole Type CH circuit breakers (escutcheon mounted) ®	1	CHPL
CHPLGF	Padlockable device for locking the handle of a single-, two- or three-pole Type CHGFI circuit breaker (escutcheon mounted) ®	1	CHPLGF
CCPL	Padlockable device for locking the handle of main circuit breaker Types CC and CCH into the ON or OFF position.(screw mounted) ®	1	CCPL
MCBPL	Padlockable device for locking the handle of main breaker Types BW and CSR into the ON or OFF position (escutcheon mounted) ®	1	MCBPL
CHLO	Handle Lockdogs ®೨		
***	Device used to secure handle in ON or OFF position for single-pole Type CH circuit breakers (handle mounted) ®	10	CHLO
CH125RB	Hold-Down Kits ®		
41 -	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	CH125RB
CH125RB24	Hold-down retainer kit for single-, two-, three-pole Type CH circuit breakers for 2–4 circuit MLO CH loadcenters.	1	CH125RB24

- $\ensuremath{^{\circlearrowleft}}$  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.
- ${}^{\textcircled{3}} \ \ \text{Handle lockoffs: devices that use a padlock to lock the circuit breaker's handle in the ON or OFF position.}$
- Requires one additional pole space.
- ® Escutcheon mounted: device mounted semipermanently to the face of the circuit breaker and secured by the loadcenter deadfront.
- ® Screw mounted: device permanently mounted to the face of the circuit breaker by the use of a non-removable screw.
- ① 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.
- ® 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).

Type CH

Description

## **Breaker Replacement Accessories, continued**

CH9MB270

Mounting Bases Mounting base for two-pole Type CH circuit breaker—70 A maximum

CH9MB270

Catalog Number

Ordering Quantity <sup>①</sup>

#### CCL300



Main Breaker Lug Kits

Types CC and CCH main breaker lug kit (2) 300 kcmil

CCL300







Type CSR main breaker lug kit (2) 300 kcmil

MCBL300

10

#### CHML



**Mechanical Interlock** 

10 CHML Type CH for two-, three- and four-pole breakers

### CHPLOFF



Type CH for two-, three- and four-pole breakers 10 **CHPLOFF** 

### CHPLOFFA



Type CH for two-, three- and four-pole breakers

**CHPLOFFA** 

CH 3/4-inch loadcenter and breaker accessories, handle lockdog 10 CHL1P 10 CHL2P

### Note

① 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	_	_	CH3RD00R10	CH3RDF6
CH1420B100R		_	CH3RD00R5	CH3RDF4	CH3242B200J	CH8JF	CH8JS	_	_
CH14B100B	CH8BF	CH8BS	_	_	CH3242B200R	_	_	CH3RD00R12	CH3RDF9
CH14B100R	_	_	CH3RDOOR5	CH3RDF4	CH32B150J	CH8JF	CH8JS	_	_
CH1824B100C	CH8CF	CH8CS	_	_	CH32B150R	_	_	CH3RD00R12	CH3RDF9
CH1824B100R	_	_	CH3RDOOR8	CH3RDF5	CH32B200J	CH8JF	CH8JS	_	_
CH18B100C	CH8CF	CH8CS	_	_	CH32B200R	_	_	CH3RD00R12	CH3RDF9
CH18B100R	_	_	CH3RDOOR8	CH3RDF5	CH32B225J	CH8JF	CH8JS	_	_
CH20H100C	CH8CF	CH8CS	_	_	CH32B225R	_	_	CH3RD00R12	CH3RDF9
CH20H100R	_	_	CH3RD00R7	CH3RDF5	CH32H150L	CH8LF	CH8LS	_	_
CH22B100C	CH8CF	CH8CS	_	_	CH32H150R	_	_	CH3RD00R6	CH3RDF10
CH22B100R	_	_	CH3RD00R7	CH3RDF5	CH32H200L	CH8LF	CH8LS	_	_
CH22B125C	CH8CF	CH8CS	_	_	CH32H200R	_	_	CH3RD00R6	CH3RDF11
CH22B125R	_	_	CH3RDOOR8	CH3RDF5	CH42B200K	CH8KF	CH8KS	_	_
CH24B150E	CH8EF	CH8ES	_	_	CH42B200R	_	_	CH3RD00R13	CH3RDF10
CH24B150R	_	_	CH3RD00R11	CH3RDF7	CH42B225K	CH8KF	CH8KS	_	_
CH24B200E	CH8EF	CH8ES	_	_	CH42B225R	_	_	CH3RD00R13	CH3RDF10
CH24B200R	_	_	CH3RD00R11	CH3RDF7	CH42H200L	CH8LF	CH8LS	_	_
CH28H100D	CH8DF	CH8DS	_	_	CH42H200R	_	_	CH3RD00R6	CH3RDF11
CH28H100R	_	_	CH3RDOOR9	CH3RDF6	CH42H225L	CH8LF	CH8LS	_	_
CH28H125D	CH8DF	CH8DS	_	_	CH42H225R	_	_	CH3RD00R6	CH3RDF11
CH28H125R	_	_	CH3RDOOR9	CH3RDF6	CH42PM300	CH7PMF (flush)	CH7PMS	_	_
CH30B100D	CH8DF	CH8DS	_	_	CH42PM400	CH7PMF (flush)	CH7PMS	_	_
CH30B100R	_	_	CH3RDOOR10	CH3RDF6	CH8B150RF	_	_	CH3RD00R11	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	_	_	CH3RD00R11	CH3RDF6
CH16L200D	CH8DF	BH8DS	_	_	CH32L150D	CH8DF	CH8DS	_	_
CH16L200R	_	_	CH3RD00R11	CH3RDF6	CH32L150R	_	_	CH3RD00R11	CH3RDF6
CH20L125C	CH8CF	CH8CS	_	_	CH32L225D	CH8DF	CH8DS	_	_
CH20L125R	_	_	CH3RDOOR8	CH3RDF5	CH32L225R	_	_	CH3RD00R11	CH3RDF6
CH24L125C	CH8CF	CH8CS	_	_	CH42L225G	CH8GF	CH8GS	_	_
CH24L125R	_	_	CH3RDOOR8	CH3RDF5	CH42L225R	_	_	CH3RD00R12	CH3RDF8
CH24L150D	CH8DF	CH8DS	_	_	CH42PL400	CH7PF (flush)	CH7PS	_	_
CH24L150R	_	_	CH3RD00R11	CH3RDF6	CH4L125FP	CH84F (flush)	_	_	_
CH24L225D	CH8DF	CH8DS	_	_	CH4L125SP	_	CH84S	<del>-</del>	_
CH24L225R	_	_	CH3RD00R11	CH3RDF6	CH8L125FP	CH88F (flush)	_	_	_
CH2L125FP	CH82F (FLUSH)	_	_	_	CH8L125RP	_	_	CH3RD00R4	CH3RDF3
CH2L125RE2P	_	_	_	_	CH8L125SP	_	CH88S	_	_
CH2L125RP	_	_	CH3RD00R1	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 Surface NEMA 3R Covers Covers 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	_	_	CH3RD00R12	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	Flush Covers w/ Mechanical Interlock
CH22CCM100N	CH7CCS	CH7CCF	CH7CCSM	
	CH7UUS CH7JJS		CH/CCSIVI	CH7CCFM
CH30JJM150N	CH7JJS CH7JJS	CH7JJF		
CH30JJM200N		CH7JJF	_	_
CH40KKM200N	CH7KKS	CH7KKF	CUZDDOM	CUZDDEM
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		
CH1824CCM100	—		_	
CH3040JJM200	CH7JJS	CH7JJF		
CH3040JJM200	_		_	

### **Single-Phase with Main Lugs**

Catalog Number	Surface Covers	Flush Covers	Surface 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	
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	
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 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 B	reaker Mounting	g—Copper Bus 120/24 Va	c, 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 B	Breaker Mountin	g-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, I	Double-Row B	reaker Mountin	g-Copper Bus 208Y/120	Vac, Four-Wire-	240 Vac, Three-Wire — 120/240 Vac, Fo	ur-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

## Type BR

### **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 ①	Catalog Number
SF125	Main and S	Subfeed Lug Blo	cks			
	2	125	2	#8-2/0	1	BRSF125
F150		150	2	#8-2/0	1	BRSF150 <sup>②</sup>
225		225	4	#2-300 kcmil	1	BRS225
io.						
F150	3	150	3	#8-2/0	1	3BRSF150 ②
F225	<u> </u>	225	6	#2-300 kcmil	1	3BRS225
6 6						
00	Main Lugs					
	Two-pole, 200	A stud mounted (inc	ludes deadfront filler plate)	#1–300 kcmil	1	BRL200
	Neutral/ground Add-on neutra	d lug		#2/0 maximum	1	NL20
000	Auu-on neutra	r or ground tag				
	Neutral/ground Add-on neutra	d lug		#3/0 maximum	1	NL30
	Aud-on Neutra	i or ground lug				
0	Neutral/ground	d lug		300 kcmil maximum	1	NL300
OO T	Add-on neutra	i or ground lug				
)	Filler Plates	s				
	1.00-inch (25.4	mm) circuit breaker	space		25	BRFP
	BW main circu	it breaker space (wit	h hardware)		1	BWFP
	Notes					

- $^{\scriptsize \textcircled{\tiny 1}}$  Must be purchased in multiples of ordering quantities indicated.
- $^{\scriptsize (2)}$  #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 ①	Catalog Number
TDL	Filler Plates	, continued				
university and a second	Door lock —12-	–42 circuits, and 100–	-225 A		1	TDL
	Door lock—4–8	circuits, 12 5A			1	CH9FL
SPC61	ANSI-61 light g	ray touchup paint for (		1	SPC61	
BINA	Isolated neutral	assembly (computer	circuits)		1	BINA
TCD	Circuit directory	—adhesive backed			10	TCD
Control of the Contro						
LCCS	Cover screws				25	LCCS
THE REAL PROPERTY.						
BRRL	Cover replacem	ent latch (gray) 14-5/1	6 (363.5 mm) wide loadcenters only		1	BRRL
eask.						
BRMS	Circuit marking	strip (next to breaker)			10	BRMS
CHBL	Circuit identifica	ation label (preprinted	breaker labels)		25	CHBL
SRL	Series rated cau	ution label			25	SRL
Thomas - Bords State Same manifest and a September Standard Standard						
BSSUSE	Bonding strip w	ith screw			1	BSSUSE
				-		

#### Note

 $^{\scriptsize \textcircled{\tiny 1}}$  Must be purchased in multiples of ordering quantities indicated.

### Type BR

#### 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**

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

### THOW



Handle tie bar for joining two independent outside poles of Types BQ and BQC Quadplex and outside poles of two Type BD 10 **THOW** duplex circuit breakers

#### THS1



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

### BRLW



#### Handle Lockoffs <sup>3</sup>

Description

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) 

BRLW

### BRLW1



Padlockable device for locking the handle of a single-pole Type BR circuit breaker.(handle mounted) @

10 **BRLW1** 

**Ordering** 

Quantity 1

Catalog

Number

- $^{\scriptsize \textcircled{\tiny 1}}$  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.
- $^{\circ}$  Handle lockoffs: devices that use a padlock to lock the circuit breaker's handle in the ON or OFF position.
- 4 Handle mounted: device mounted directly to the handle by the use of a set screw.

### **Replacement Breaker Accessories, continued**

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

- ① Must be purchased in multiples of ordering quantities indicated.
- <sup>2</sup> Handle lockoffs: devices that use a padlock to lock the circuit breaker's handle in the ON or OFF position.
- $\ ^{\textcircled{3}}$  Handle mounted: device mounted directly to the handle by the use of a set screw.
- Escutcheon mounted: device mounted semipermanently to the face of the circuit breaker and secured by the loadcenter deadfront.
- $^{\circ}$  Screw mounted: device permanently mounted to the face of the circuit breaker by the use of a non-removable screw.
- ® 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.

### Type BR

#### **Replacement Breaker Accessories, continued**

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

- 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.
- 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	_	_	BR3RD00R8	BR3RDF11
B4242DR1N	_	_	Not available	_	BR2040B200	BRCOVC35	_	_	_
B4242DSN	_	315-003-27	_	_	BR2040B200R	_	_	BR3RD00R9	BR3RDF11
B4242EFN	315-003-28	_	_	_	BR2040H200	BRCOVC35	_	_	_
B4242ESN	_	315-003-27	_	_	BR2430B150	BRCOVC40	_	_	_
BR1020B100RF	_	_	BR3RD00R2	BR3RDF1	BR2440B200	BRCOVC41	_	_	_
BR1212B100	BRCOVC12	_	_	_	BR3030BC100	BRCOVC59			
BR1220B100	BRCOVC12	_	_	_	BR3030B150	BRCOVC40	_	_	_
BR1224B100R		_	BR3RD00R2	BR3RDF1	BR3030B150R	_	_	BR3RD00R10	BR3RDF12
BR1224B100SFG	47-37466			47-37469	BR3030BC150	BRCOVC40	_	_	_
BR1616B100	BRCOVC16	_	_	_	BR3040B150	BRCOVC40	_	_	_
BR1620B100	BRCOVC16	_	_	_	BR3040B200	BRCOVC41	_	_	_
BR1624B100	BRCOVC16	_	_	_	BR3040B200R	_	_	BR3RD00R11	BR3RDF12
BR1624B100R	_	_	BR3RD00R3	BR3RDF2	BR3040H200	BRCOVC41	_	_	_
BR1624B125	BRCOVC17	_	_	_	BR304242F	315-003-28	_	_	_
BR1630B150	BRCOVC29	_	_	_	BR304242S	_	315-003-27	_	_
BR1632B200	BRCOVC31	_	_	_	BR4040B200	BRCOVC44	_	_	_
3R2020B100	BRCOVC22	_	_	_	BR4040BC200	BRCOVC44	_	_	_
BR2024B100R	_	_	BR3RD00R4	BR3RDF4	BR4040B200R	_	_	BR3RD00R12	BR3RDF13
BR2024B125	BRCOVC23	_	_	_	BR4040H200	BRCOVC44	_	_	_
BR2024B125R	_	_	BR3RD00R4	BR3RDF4	BR4242B225	BRCOVC53 (2)	_	_	_
BR2024H100	BRCOVC22	_	_	_	BR4242B225R	_	_	BR3RD00R13	BR3RDF15
BR2030B150	BRCOVC32	_	_	_	BR48B200RF	_	_	BR3RD00R15	BR3RDF14
BR2030B150R	_	_	BR3RD00R8	BR3RDF11	BR816B100	BRCOVC10	_	_	_
BR2030H150	BRCOVC32	_	_	_	BR816B150RF	_	_	BR3RD00R5	BR3RDF5
BR2040B150	BRCOVC40	_	_	_	BR816B200RF	_	_	BR3RD00R6	BR3RDF5

## Type BR

#### Convertible

Catalog Number	Combination Covers	Surface Covers	NEMA 3R Covers	NEMA 3R Deadfronts
3BR1224N125	BRCOVC20	_	_	_
3BR1224N125R	_	_	BR3RD00R29	BR3RDF2
3BR1224N125S	_	BRCOVS20	_	_
3BR3030N100	BRCOVC37	_	_	_
3BR3030N100R	_	_	BR3RD00R30	_
3BR3030N100S	_	BRCOVS37	_	_
BR1224N125	BRCOVC13	_	_	_
BR1224N125R	_	_	BR3RD00R2	BR3RDF1
BR1224NC125R			BR3RD00R2	
BR1224N200	BRCOVC30	_	_	_
BR1224N200R	_	_	BR3RD00R6	BR3RDF5
BR1624N125	BRCOVC17	_	_	_
BR1624N125R	_	_	BR3RD00R3	BR3RDF2
BR1632N200	BRCOVC31	_	_	_
BR1632N200SFG			47-37460	47-37375
BR2024N125	BRCOVC23	_	_	_
BR2024N125R	_	_	BR3RD00R4	BR3RDF4
BR2040N200	BRCOVC35	_	_	_
BR2040N200R	_	_	BR3RD00R9	BR3RDF11
BR2440N200	BRCOVC41	_	_	_
BR3040N200	BRCOVC41	_	_	_
BR3040N200R	_	_	BR3RD00R11	BR3RDF12
BR4040N200	BRCOVC44	_	_	_
BR4040N200R	_	_	BR3RD00R12	BR3RDF13
BR816N200RF	_	_	BR3RD00R6	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 ®
BR1220B100PKW	MBCOVC18 ①
BR1224B100PKW	MBCOVC25 ①
BR1224B150PKW	MBCOVC19 ①
BR1630B150PKW	MBCOVC20 ①
BR1224B200PKW	MBCOVC21 ①
BR1632B200PKW	MBCOVC22 ①
BR2040B200PKW	MBCOVC23 ①

### Note

 $<sup>\</sup>ensuremath{\mathfrak{D}}$  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	_	_	_
242DFN	315-003-06	_	_	_	BR3040L200R	_	_	BR3RD00R9	BR3RDF8
1242DRIN	_	Not available	_	_	BR4040L200	BRCOVC42	_	_	_
242DSN	_	315-003-05	_	_	BR4040L200R	_	_	BR3RD00R11	BR3RDF9
1242ESN	_	315-003-05	_	_	BR4242L225	BRCOVC45	_	_	_
3R1212L125	BRCOVC11	_	_	_	BR4242L225R	_	_	BR3RD00R14	BR3RDF10
3R1224L125	BRCOVC11	_	_	_	BR48L125FDP	BRCOVC62 (flush)	_	_	_
3R1224L125DG	BRCOVC11	_	_	_	BR48L125FGP	BRCOVC63 (flush)	_	_	_
3R1224L125G	BRCOVC11	_	_	_	BR48L125FP	BRCOVC61 (flush)	_	_	_
3R1224L125R	_	_	BR3RD00R1	BR3RDF3	BR48L125RP	_	_	BR3RD00R26	BR3RDF22
R1224L200	BRCOVC15	_	_	_	BR48L125SGP	_	BRCOVS60	_	_
R1224L200R	_	_	BR3RD00R7	BR3RDF6	BR48L125SP	_	BRCOVS59	_	_
R1616L125	BRCOVC14	_	_	_	BR612L125FDGP	BRCOVC08	_	_	_
3R1624L125	BRCOVC14	_	_	_	BR612L125FDP	BRCOVC08	_	_	_
3R1624L125G	BRCOVC14	_	_	_	BR612L125FGP	BRCOVC63	_	_	_
3R1624L125R	_	_	BR3RD00R2	BR3RDF1	BR612L125FP	BRCOVC08	_	_	_
3R1630L150	BRCOVC25	_	_	_	BR612L125RP	_	_	BR3RD00R27	BR3RDF23
R2020L125	BRCOVC18	_	_	_	BR612L125SDGP	_	BRCOVS08	_	_
3R2024L125	BRCOVC18	_	_	_	BR612L125SDP	_	BRCOVS08	_	_
R2024L125G	BRCOVC18	_	_	_	BR612L125SGP	_	BRCOVS60	_	_
3R2024L125R	_	_	BR3RD00R3	BR3RDF2	BR612L125SP	_	BRCOVS59	_	_
3R2030L150	BRCOVC25	_	_	_	BR816L125FDGP	BRCOVC64 (flush)	_	_	_
3R2040L200	BRCOVC25	_	_	_	BR816L125FDP	BRCOVC64 (flush)	_	_	_
R2040L200G	BRCOVC25	_	_	_	BR816L125FGP	BRCOVC09	_	_	_
R2040L200R	_	_	BR3RD00R6	BR3RDF7	BR816L125FP	BRCOVC09	_	_	_
3R2424L125	BRCOVC24	_	_	_	BR816L125RP			BR3RD00R28	BR3RDF23
3R2424L125G	BRCOVC24	_	_	_	BR816L125SDGP		BRCOVS61	_	_
R2440L200	BRCOVC33	_	_	_	BR816L125SDP	_	BRCOVS61	_	_
R24L125FP	BRCOVC60 (FLUSH	) —	_	_	BR816L125SGP		BRCOVS09	_	_
R24L125RP		_	BR3RD00R25	BR3RDF21	BR816L125SP		BRCOVS09	_	_
R24L125RSE2P	_	_	_	BR3RDF21	BR816L200RF	_	_	BR3RD00R7	BR3RDF6
BR24L125RSEP	_	_	_	BR3RDF21	BR816LC125FDP	BRCOVC64 (flush)	_	_	_
BR24L125SP	_	BRCOVS62	_	_	TT120FLGNM	_	_	_	_
BR24L70FGP	Not available	_	_	_	TT120SLGNM	_	_		_

## Type BR

### **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	_	_
BR1224L125	BRCOVC21	_	_	_
BR1224L125R	_	_	BR3RD00R29	BR3RDF2
BR1224L125S	_	BRCOVS21	_	_
3BR1224L200	BRCOVC34	_	_	_
3BR1224L200R	_	_	BR3RD00R16	BR3RDF7
BR1224L200S	_	BRCOVS34	_	_
BR1836L150	BRCOVC27	_	_	_
BR1836L150R	_	_	BR3RD00R17	BR3RDF7
BR1836L150S	_	BRCOVS27	_	_
BR1836L200	BRCOVC34	_	_	_
BR1836L200R	_	_	BR3RD00R16	BR3RDF7
BR1836L200S	_	BRCOVS34	_	_
3BR2442L150	BRCOVC39	_	_	_
BR2442L150R	_	_	BR3RD0018	BR3RDF16
BR2442L150S	_	BRCOVS39	_	_
3BR2442L200	BRCOVC43	_	_	_
BR2442L200S		BRCOVS43	_	_
BR3042L200	BRCOVC43	_	_	_
BR3042L200R	_	_	BR3RD0019	BR3RDF18
BR3042L200S	_	BRCOVS43	_	_
BR4242L200	BRCOVC48	_	_	_
BR4242L200R	_	_	BR3RD00R21	BR3RDF20
3BR4242L200S	_	BRCOVS48	_	_
3BR4242L225	BRCOVC49	_	_	_
3BR4242L225R	_	_	BR3RD00R24	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	_	_	BR3RD00R29	BR3RDF2
3BR1224B100S	_	BRCOVS19	_	_
3BR1224H100	BRCOVC19	_	_	_
3BR1224H100S	_	BRCOVS19	_	_
3BR3042B125	BRCOVC54	_	_	_
3BR3042B125S	_	BRCOVS54	_	_
3BR3042B150	BRCOVC55	_	_	_
3BR3042B150R	_	_	BR3RD00R20	BR3RDF17
3BR3042B150S	_	BRCOVS55	_	_
3BR3042B200	BRCOVC56	_	_	_
3BR3042B200R	_	_	BR3RD00R21	BR3RDF17
3BR3042B200S	_	BRCOVS56	_	_
3BR3042H150	BRCOVC55	_	_	_
3BR3042H150S	_	BRCOVS55	_	_
3BR3042H200	BRCOVC56	_	_	_
3BR3042H200S	_	BRCOVS56	_	_
3BR4242B200	BRCOVC57	_	_	_
3BR4242B200R	_	_	BR3RD00R22	BR3RDF19
3BR4242B200S	_	BRCOVS57	_	_
3BR4242B225	BRCOVC58	_	_	_
3BR4242B225R	_	_	BR3RD00R23	BR3RDF19
3BR4242B225S	_	BRCOVS58	_	_
3BR4242H200	BRCOVC57	_	_	_
3BR4242H200S	_	BRCOVS57	_	_

H-5

### **Replacement Interior Assembly**

### BR Loadcenter Interior Assembly

**Type BR Loadcenter Interior Assemblies** 



Ampere Rating	Maximum Num Spaces	ber 1.00-Inch (25.4 mm) Single Poles	UL File Reference	Main Terminal Size (Per Phase)	Standard Package Quantity	Catalog Number
Single-Ph	ase Single Row I	Breaker Mounting—Alu	ıminum Bus—12	20/240 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 AII	20	24INT125B
125	6	12	E52977	(1) 2/0-#14 AWG Cu/AI	20	612INT125SRE
Single-Ph	ase Double Row	Breaker Mounting – Al	uminum Bus-1	20/240 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/AI	20	1224INT200B
200	30	40	E52977	(1) 300 kcmil-#1 AWG Cu/AI	10	3040INT200B
200	42	42	E52977	(1) 300 kcmil-#1 AWG Cu/AI	10	4242INT225B
Single-Ph	ase Double Row	Breaker Mounting—Co	pper 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/AI	20	1224INT200BC
	ase Double Row as, Four-Wire De		ıminum Bus—20	08Y/120 Vac, Four-Wire—240	Vac, Three-Wire-	
125	12	34	E52977	(1) 2/0-#8 AWG Cu/AI	10	1224INT3125B
150	18	36	E52977	(1) 300 kcmil-#2 AWG Cu/AI	10	1836INT3150B
150	24	42	E52977	(1) 300 kcmil-#2 AWG Cu/AI	10	2442INT3150B
200	30	42	E52977	(1) 300 kcmil-#2 AWG Cu/AI	10	3042INT3200B
225	42	42	E52977	(1) 300 kcmil-#2 AWG Cu/AI	10	4242INT3225B
	ase Double Row l		pper Bus-208Y	/120 Vac, Four-Wire – 240 Va	c, Three-Wire—	
125	12	24	E52977	(1) 2/0-#8 AWG Cu/AI	10	1224INT3125B
200	12	24	E52977	(1) 300 kcmil–#2 AWG Cu/Al	10	1224INT3200B

#### Replacement Breakers

### **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.

#### Testino

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

Single-Pole Requires One 3/4-Inch (19.1 mm) Space 10 per Shelf Carton Catalog Number

Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	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

Single-Pole Requires One 3/4-Inch (19.1 mm) Space

10 per Shelf Carton Catalog Number

Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	• 120/240 Vac • 120/240 Vac
15–15	#14-8	CHT1515 ①②
15–20	#14-8	CHT1520 ①2
20–20	#14-8	CHT2020 ①2

- 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 fivecircuit 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	Main Ampere	Max. Number 3/4-Inch (19.1 mm)	Enclosure	Box	Wire Size Range Cu/Al 60 or 70°C for	Loadcenter Catalog	Cover Catalog Numl	ber <sup>②</sup>
Туре	Rating	of Poles	Туре	Size	Main Breakers	Number	Combination	Surface
СН	100	20	Indoor	С	#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.
- © 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	Main	Max. Iain Number	Max.					Cover Catalog Number	r
Breaker Type	Ampere Rating	3/4-Inch Circuits	Number of Poles	Enclosure Type	Box Size	Wire Size Range Cu/Al	Catalog Number	Combination	Surface
CSH 35	100	24	24	Indoor	E	#2-300 kcmil	CH24BPN100E	CH8EF	CH8ES
kAIC	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	_

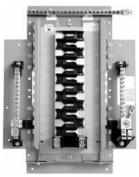
### Main Lug Only/Convertible Plug-On Neutral Loadcenters — With Factory Installed Main Lugs

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

#### 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 asbestosfilled 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 iob 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.

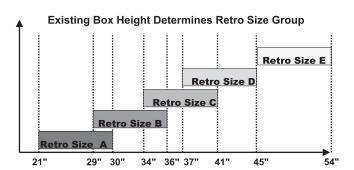
#### **Product Selection**

To select the retrofit kit:

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

- 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.
- Contact the Lincoln Flex Center at 800-330-6479 for pricing, lead-times and order entry instructions.

### **Retro Size Groups**



## Type CH

### Retrofit Stocking Kits (BR and CH Kits Available) 02

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
				Height	Width	Depth	Size Group—Inches (mm)
BR-Aluminum Bus/CH-Coppe	er 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)

① Other options are available.

### **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 factorymounted 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—0EM Product Guide		

### **Pricing Information**

Price and Availability Digest (PAD)

Vista/VISTALINE™ Discount Symbol 22CD