

## CH Loadcenter Options and Accessories

## CHSF2125



## CHSF3125



## CHFP



## TDL



## BINA



## Field Installation and Parts

## Description

Sub-feed lug blocks—two-pole, 125 A, 3/4-inch (19.1 mm) spaces needed

Sub-feed lug blocks—three-pole, 125 A, 3/4-inch (19.1 mm) spaces needed

Neutral/ground lug—add-on neutral or ground lug

Ordering  
Quantity ①Catalog  
Number

	1	<b>CHSF2125</b>
	1	<b>CHSF3125</b>
	1	<b>NL20</b>
	1	<b>NL30</b>
	1	<b>NL300</b>
Filler plates—3/4-inch (19.1 mm) space circuit breaker space	25	<b>CHFP</b>
CSR main circuit breaker filler plate (with hardware)	1	<b>CSRFP</b>
Door lock—12–42 circuits, and 100–225 A	1	<b>TDL</b>
Sandlewood spray paint	1	<b>SPCSW</b>
ANSI-61 light gray touchup paint for outdoor loadcenters	1	<b>SPC61</b>
Isolated neutral assembly (computer circuits)	1	<b>BINA</b>
Circuit directory—adhesive backed	10	<b>TCD</b>
Cover screws	25	<b>LCCS</b>
Cover replacement latch 14-5/16 inch (363.55 mm) wide loadcenters only	1	<b>CHRLS</b>
Circuit marking strip (next to breakers)	10	<b>CHMS</b>
Circuit identification label (preprinted breaker labels next to breakers)	25	<b>CHBL</b>
Series rated caution label	25	<b>SRL</b>
Branch circuit numbering strip	20	<b>CHNS</b>
Bonding strap with screw	1	<b>BSSUSE</b>
CH plug-on neutral ground bonding strap	1	<b>BSCHPON</b>

**Note**

① Must be purchased in multiples of ordering quantities indicated.

### Mechanical Interlock Covers

Covers mechanically interlock two breakers. Type A covers interlock two CH breakers mounted across from one another. Type B covers interlock a main Type CSR breaker with a Type CH.

**CH8BRM Type A**



**CH8EFM Type B**



### Mechanical Interlocks

#### Mechanical Interlock Trim/Deadfront Catalog Numbers

Type	Fits Loadcenter Catalog Numbers	Flush	Surface
A	CH12L125B	CH8BFM	CH8BSM
	CH16L125B		
	CH12L3125B		
	CH14B100B	CH8CFM	CH8CSM
	CH20L125C		
	CH24L125C		
	CH18L3125C		
	CH24L3125C		
	CH22B100C	CH8DFM	CH8DSM
	CH22N100C		
	CH24L150D		
	CH32L150D		
	CH24L3225D		
	CH30L3150D		
A	CH42L225G	CH8GFM	CH8GSM
	CH42L3225G		
	Inner cover of Box B raintight	—	CH8BRM
	Inner cover of Box C raintight	—	CH8CRM
<b>Indoor</b>			
B	CH24B150E	CH8EFM	CH8ESM
	CH24B200E		
	CH32B150J	CH8JFM	CH8JSM
	CH32B200J		
	CH3242B200J		
	CH32N200J		
	CH32B225J	CH8KFM	CH8KSM
	CH42B200K		
	CH42N200K		
	CH42B225K	CH8NFM	—
CH60BPN200N			
<b>Outdoor</b>			
B	CH8B150RF	CH3RDF7M	—
	CH8B200RF		
	CH8N200RF		
	CH24B150R		
	CH24B200R	CH3RDF9M	—
	CH32B150R		
	CH32B200R		
	CH32N200R		
	CH32B225R		
	CH42B200R		
	CH42N200R		
	CH42B225R		
	CH42B225R		

CH8BRM Type A



CH8EFM Type B



#### Mechanical Interlocks, continued

Type	Fits Loadcenter Catalog Numbers	Mechanical Interlock Trim/Deadfront Catalog Numbers	
		Flush	Surface
<b>Next Generation Power Center</b>			
B	CHPC32B150L	CHPC8B32LFM	—
	CHPC32B200L		
	CHPC32N200L		
	CHPC42B150L	CHPC8B42LFM	—
	CHPC42B200L		
	CHPC42N200L		
	CHPC32B125TR	CH3RDF15M	—
	CHPC32B150TR		
	CHPC32B200TR		
	CHPC32N200TR		
	CHPC42B150TR	CH3RDF16M	—
	CHPC42B200TR		
	CHPC42N200TR		
	CHPC32B150TR	CH3RDF17M	—
	CHPC32B200TR		
	CHPC42B200BR	CH3RDF18M	—
<b>Vintage</b> <sup>①</sup>			
	CH20JJM200	CH7JFREPLM	—
	CH24JJM150		
	CH30JJM150		
	CH30JJM200		
	CH30JJM150H		
	CH3040JJMM200		
	CH304JJM150		
	CH304JJM200		
	CH304JJM200H		
	CH30KKM225	CH7KKFREPLM	—
	CH40KKM200H		
	CH40KKM225		
	CH40KKM200H		
	CH40KKM225H		
	CH304KKM200		
	CH304KKM200H		
	CH304LLM225	CH7LLFREPLM	—
	CH424LLM225H		

**Note**

<sup>①</sup> If vintage part number does not match exactly, the cover may not fit. Simple variations such as an “N” at the end of the part number contain minor design variations that will prevent our cover from working with that particular loadcenter.

### DS100H1

### Field Installation Rainproof Conduit Hubs



#### Description

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

### GBK14

### Ground Bar Kits



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

#### Ground Bar Legend

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

### Grounded “B” Phase Adapters

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

### Neutral Bar Accessories

Description	Catalog Number <sup>⑤</sup>
Replacement neutral for all B and C type boxes	<b>CHN125C</b>
Replacement neutral for all D type boxes	<b>CHN125D</b>
Replacement neutral for all E, G, J, K and L type boxes	<b>CHN225L</b>
Isolated Neutral Assembly (computer circuits)	<b>BINA</b>

#### 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 400 A loadcenters.
- ④ Distance between mounting holes is 2-13/32 inches.
- ⑤ Cannot be used in Safety Breaker Panels. Classic Plus Panels only.

# 1.1

## Loadcenters and Circuit Breakers

### Type CH Loadcenters and Circuit Breakers

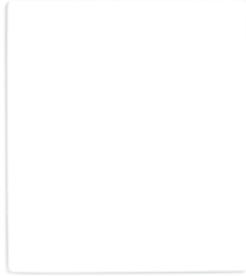
1

#### Decorator Cover Accessory

- For easy use with CH loadcenters mounted in living space
- Easily wallpapered or painted to match any decor
- Loadcenter accessory—exclusively from Eaton



Now you see it ...



... Now you don't.

#### Decorator Cover Accessory ①

Catalog Number	Existing CH Loadcenter Cover
Corresponding Cover	
CH8BF	CH8KDNB
CH8CF	CH8KDNC
CH8DF/EF	CH8KDND
CH8GF/JF	CH8KDNJ
CH8KF	CH8KDNK

#### Loadcenter Goof Collars

Don't let an ugly drywall problem ruin a beautiful electrical installation.

Eaton's Goof Collar is designed to cover gaps between the finished drywall and loadcenter enclosure. This is often necessary when upgrading the electrical service and the drywall surrounding the panel is damaged. The collar allows 2 inches of overhang beyond the standard flush trim.



Before



After

#### CH Goof Collars

Inches (mm)		Catalog Number	
Height	Width	Loadcenter Cover	Goof Collar
21.00 (533.4)	19.00 (482.6)	CH8BF	CH8BFC1921
26.00 (660.4)	19.00 (482.6)	CH8CF	CH8CFC1926
34.00 (863.6)	19.00 (482.6)	CH8DF	CH8DFC1934
		CH8EF	
		CHSUR8EF	
39.00 (990.6)	19.00 (482.6)	CH8GF	CH8JFC1939
		CH8JF	
42.00 (1066.8)	19.00 (482.6)	CH8KF	CH8KFC1942
		CHSUR8KF	
44.00 (1117.6)	19.00 (482.6)	CH8LF	CH8LFC1944
		CHSUR8LF	

#### BR Goof Collars

Inches (mm)		Catalog Number	
Height	Width	BR Box Size	Goof Collar
21.00 (533.4)	19.00 (482.6)	B1	BRB2GC2319
23.00 (584.2)	19.00 (482.6)	B2	BRB1GC2119
25.00 (635.0)	19.00 (482.6)	C1	BRC1GC2519
27.00 (685.8)	19.00 (482.6)	C2	BRC2GC2719
31.00 (787.4)	19.00 (482.6)	C4	BRC4GC3119
34.00 (863.6)	19.00 (482.6)	D1	BRD1GC3419
38.00 (965.2)	19.00 (482.6)	G1	BRG1GC3819
43.00 (1092.2)	19.00 (482.6)	L1	BRL1G4319
48.00 (1219.2)	19.00 (482.6)	L2	BRL2GC4819

#### Note

① For goof collars not listed in the table, please contact the Lincoln Flex Center at 1-800-330-6479.