

### 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

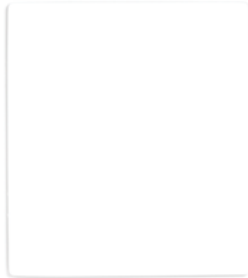
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#### Decorator Cover Accessory

- 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.

**Product Selection**

When quoting or selecting a power outlet panel, the following questions should be answered:

- Unmetered, ring or ringless style
- Number and types of receptacles (seven standard and eight twist-lock options)
- Standard or ground fault breakers
- Surface, pedestal or back-to-back mounting
- Are any factory or field options required?

**Power Outlet Panel Receptacle Configuration Rules**

**Four Receptacles/Unit**

All receptacles must be NEMA 5-20R2 or NEMA 5-20R2GFI, surface mount only.

**Three Receptacles/Unit**

- One or more of the receptacles must be NEMA 6-20R2, NEMA 5-20R2 or NEMA 5-20R2GFI
- NEMA 6-20R2, NEMA 5-20R2, or NEMA 5-20R2GFI must go in the second position

- If two receptacles consist of types NEMA 14-50R, NEMA 10-50R, NEMA 14-30R or NEMA 6-20R2 a six-circuit interior must be added

- Example:  
**CHUIN5N2NSX**




**Note:** Configuration 1 and 2 were chosen so a six-circuit interior needs to be added (suffix X) to the end of the catalog number. Also, configuration 5 is in the second position.

**Two, One and Zero Receptacles/Unit**

Any configuration.

**Accessories**

**Accessories**

	Description	Catalog Number
<b>Underground Pedestal Extension</b> 	Underground pedestal extension	<b>CHPEEXT</b>
	Stainless steel underground pedestal extension	<b>CHPEEXTSS</b>
<b>Pad-Mount Bracket</b> 	Pad-mount bracket	<b>CHPAEXT</b>
<b>Cable TV/Telephone Bracket</b> 	Cable TV and telephone bracket	<b>CHTELV</b>
<b>DS Hub</b> 	Rainproof conduit hub 0.75 inch (19.1 mm)	<b>DS075H1</b>
	Rainproof conduit hub 1.00 inch (25.4 mm)	<b>DS100H1</b>
	Rainproof conduit hub 1.25 inch (31.8 mm)	<b>DS125H1</b>
	Rainproof conduit hub 1.50 inch (38.1 mm)	<b>DS150H1</b>

**Fluorescent Light Kit**

**Fluorescent Light Kit**



Description	Catalog Number
Converts power outlet panel to lighted unit, <b>must also order CHOUTCVRL</b>	<b>CHFLGKIT</b>