



Installation Instructions for CSR, CSH Loadcenter Main Circuit Breakers

The enclosed main breaker is intended for the following applications:

- Direct replacement for the CSR main circuit breaker in the Type CH Loadcenter. (Note: This breaker is not a direct replacement for the CC breaker.)
- For upgrading a Type CH Loadcenter from CSR (25k AIC) to CSH (42k AIC). (Refer to loadcenter marking to determine if upgrade is possible.)
- For installation in the following enclosures or convertible panels:

Enclosures	Convertible Panels
ECB200R	CH32N200J
ECB200S	CH42N200K
ECB200F	CH32N200R
	CH42N200R



WARNING

DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. SEVERE PERSONAL INJURY, DEATH, OR SUBSTANTIAL PROPERTY DAMAGE MAY RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT THERE IS NO VOLTAGE PRESENT BEFORE PROCEEDING WITH THE TASK, AND ALWAYS FOLLOW GENERALLY ACCEPTED SAFETY PROCEDURES.

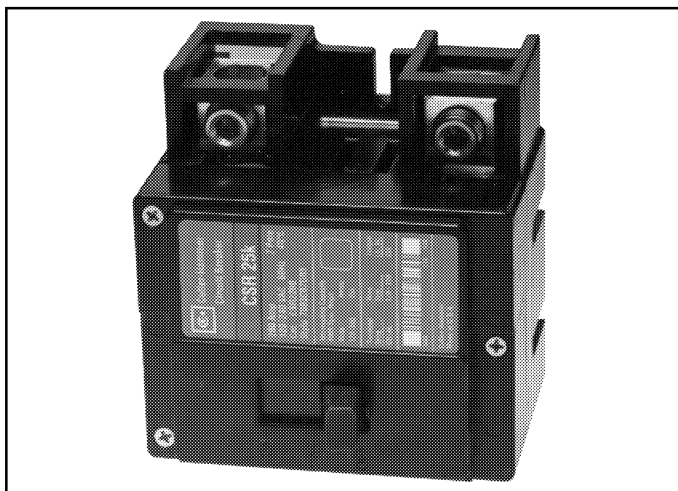


Fig. 1 CSR2200 Loadcenter Main Circuit Breaker

1.0 KIT CONTENTS

Quantity	Description
1	Loadcenter Main Breaker
2	1/4 - 20 Nuts
1	#8 - 32 Self-Threading Screw
1	Instruction Leaflet

2.0 TOOLS REQUIRED

- Medium blade screwdriver
- 7/16 inch socket
- Torque wrench

3.0 INSTALLATION

- Before mounting the circuit breaker in an electrical system, make sure there is no voltage present where work is to be performed. The voltages in energized equipment can cause injury or death.
- Make sure that the circuit breaker is suitable for the installation by comparing nameplate data with system requirements. Inspect the circuit breaker for completeness, and check for damage before mounting.

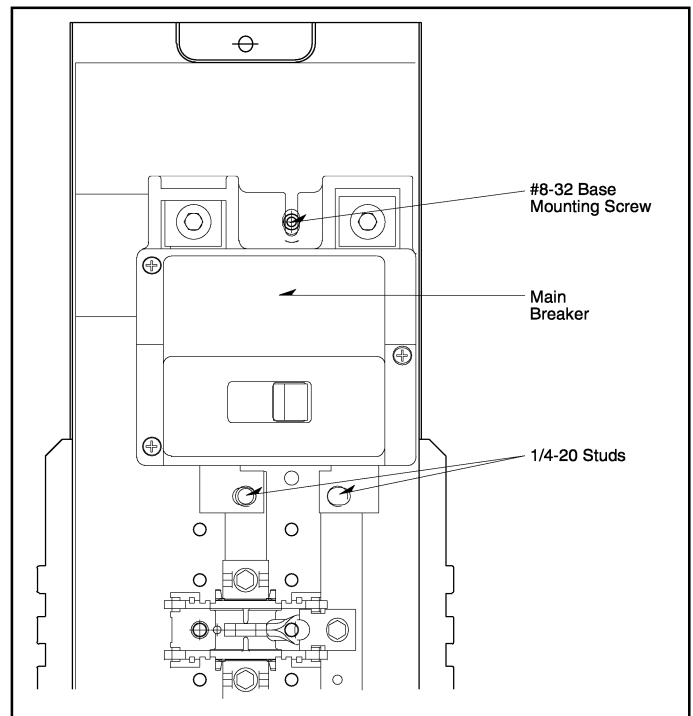


Fig. 2 Installation of Main Breaker Into Loadcenter

- C. Remove outside and inside covers from loadcenter by removing securing screws.
- D. Position main breaker over (2) 1/4 - 20 studs of interior bus as shown in Figure 2. Secure with (2) 1/4 - 20 nuts provided. Torque nuts to 96 lb-in.

**CAUTION**

DO NOT SCRATCH, NICK, OR OTHERWISE DAMAGE BUS BARS.

- E. Fasten #8 - 32 base mounting screw through slot between wire terminals into hole in backpan.
- F. When wiring circuit breaker, follow the breaker label for recommended wire sizes and torque values.

Cutler-Hammer

Westinghouse & Cutler Hammer Products

Five Parkway Center
Pittsburgh, PA 15220

Effective 9/96
Printed in U.S.A./CCI

EAT•N