

GEH-4892 INSTALLATION INSTRUCTIONS

300-Line Enclosure -CR310X, CR311X, CR390X

For NEMA Size 3

Caution: Before installing in a nuclear application, determine that the product is intended for such use.

Warning: Disconnect all power before installing or servicing this device, death or serious injury may result.

Description

These enclosures are for use in assembling open NEMA Size 3 reversing controllers to an enclosure.

Comb. Starter Description	Enclosure Catalog Number			
	Type 1	Type 12	Type 3R	Type 4
w/Circuit Breaker	CR310X390B	CR310X390E	CR310X390J	CR310X390S
w/Disconnect Sw.	CR311X390B	CR311X390E	CR311X390J	CR311X390S
w/Mag-Break® Circuit Breaker	CR390X390B	CR390X390E	CR390X390J	CR390X390S

® Registered trademark of the ABB

Table 1

Enclosure Catalog Number	NEMA Size 3	
	Instruction Sheet	Wiring Diagram
CR310X390B, E, J, S	GEH-4806	GEJ-6348
CR311X390B, E, J, S	GEH-4806	GEJ-6348
CR390X390B, E, J, S	GEH-4806	GEJ-6348
Heater Label55-213853	

Selection Of Wiring Diagrams, Heater Labels, And Instructions

Select wiring diagram and heater table from Table 1 and affix both to inside of enclosure cover. Select instruction sheet from Table 1 and place inside enclosure.

Wiring diagrams, heater tables, and instructions are packaged with each enclosure. After selecting appropriate copies, discard those not used.

Refer to heater tables for list of suitable fuse clip kits and circuit breakers to be installed in these starters.

Wiring

Power wire between circuit breaker or disconnect switch to top of starter with 90°C, Type MTW, AWG #4 minimum copper wire, UL Listed and CSA Certified.

Wiring for control circuit fuses is shown on the GEJ wiring diagrams.

Wiring for control transformer is shown on instructions with transformer kit.

These instructions do not purport to cover details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation, or maintenance. Should particular problems arise which are not covered sufficiently for the Purchaser's purposes, the matter should be referred to the nearest ABB sales office

ABB Inc.
305 Gregson Drive
Cary, NC 27511.

electrification.us.abb.com

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB Inc. does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB Inc.
Copyright© 2019 ABB
All rights reserved