

GEH-4886 INSTALLATION INSTRUCTIONS

300-Line Enclosure -CR307X, CR308X, CR387X

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 starters to an enclosure.

Comb. Starter Description	Enclosure Catalog Number			
	Type 1	Type 12	Type 3R	Type 4
w/Circuit Breaker	CR307X390B	CR307X390E	CR307X390J	CR307X390S
w/Disconnect Sw.	CR308X390B	CR308X390E	CR308X390J	CR308X390S
w/Mag-Break® Circuit Breaker	CR387X390B	CR387X390E	CR387X390J	CR387X390S

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Table 1

Enclosure Catalog Number	NEMA Size 3	
	Instruction Sheet	Wiring Diagram
CR307X390B	GEH-4806	GEJ-6237
CR307X390E, J, S	GEH-4806	GEJ-6245
CR308X390B	GEH-4806	GEJ-6237
CR308X390E, J, S	GEH-4806	GEJ-6245
CR387X390B	GEH-4806	GEJ-6237
CR387X390E, J, S	GEH-4806	GEJ-6245
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.

Wiring

Power wire between circuit breaker or disconnect switch to top of starter with 90°C, Type MTW, AWG #14 minimum copper wire, UL Listed and CSA Certified.

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

NOTE: For 200 ampere disconnect, change disconnect mounting bracket to one supplied in kit. Otherwise discard bracket supplied with kit. For circuit breakers with current limiter, discard bracket mounted in kit and replace with alternate bracket.

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.

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