

GEH-4891 INSTALLATION INSTRUCTIONS

300-Line Enclosure -CR310X, CR311X, CR390X

For NEMA Size 2

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 2 reversing controllers to an enclosure.

Comb. Starter Description	Enclosure Catalog Number			
	Type 1	Type 12	Type 3R	Type 4
w/Circuit Breaker	CR310X290B	CR310X290E	CR310X290J	CR310X290S
w/Disconnect Sw.	CR311X290B	CR311X290E	CR311X290J	CR311X290S
w/Mag-Break® Circuit Breaker	CR390X290B	CR390X290E	CR390X290J	CR390X290S

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Table 1

Enclosure Catalog Number	NEMA Size 2	
	Instruction Sheet	Wiring Diagram
CR310X290B, E, J, S	GEH-4776 GEH-4775	GEJ-6345
CR311X290B, E, J, S	GEH-4776 GEH-4775	GEJ-6345
CR390X290B, E, J, S	GEH-4776 GEH-4775	GEJ-6345

Standard Heater Label (CR310)	.55-190105
Ambient Compensated Heater Label (CR310)	.55-190134
Standard Heater Label (CR311)	.55-192106
Ambient Compensated Heater Label (CR311)	.55-192138
Standard Heater Label (CR390)	.55-194324
Ambient Compensated Heater Label (CR390)	.55-194325

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 #6 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.

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