



GEH-4885 INSTALLATION INSTRUCTIONS

300-Line Enclosure -CR307X, CR308X, CR387X

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 starters to an enclosure.

Comb. Starter Description	Enclosure Catalog Number			
	Type 1	Type 12	Type 3R	Type 4
w/Circuit Breaker	CR307X290B	CR307X290E	CR307X290J	CR307X290S
w/Disconnect Sw.	CR308X290B	CR308X290E	CR308X290J	CR308X290S
w/Mag-Break® Circuit Breaker	CR387X290B	CR387X290E	CR387X290J	CR387X290S

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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.

Table 1

Enclosure Catalog Number	NEMA Size 2	
	Instruction Sheet	Wiring Diagram
CR307X290B	GEH-4776	GEJ-6124
CR307X290E, J, S	GEH-4776	GEJ-5982
CR308X290B	GEH-4776	GEJ-6124
CR308X290E, J, S	GEH-4776	GEJ-5982
CR387X290B	GEH-4776	GEJ-6124
CR387X290E, J, S	GEH-4776	GEJ-5982
Standard Heater Label (CR307)	.55-190105	
Ambient Compensated Heater Label (CR307)	.55-190134	
Standard Heater Label (CR308)	.55-192106	
Ambient Compensated Heater Label (CR308)	.55-192138	
Standard Heater Label (CR387)	.55-194324	
Ambient Compensated Heater Label (CR387)	.55-194325	

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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