

NEMA Full Voltage Power Devices

NEMA Rated Full Voltage Starters - Magnetic

CR309 Magnetic Reversing Starters

Non-combination, Open, NEMA Type 1, 3R, 12, 4/4X

NEMA Sizes 00-7 With Thermal Overload Relay

600 Volts Maximum 50/60 Hertz

Three-Phase

List Price includes a holding interlock, mechanical and cross-electrical interlock on each contactor, pressure terminals for the line and load connections, plus a 3-leg block type overload relay (manual reset). One NO isolated contact on the overload relay is available as an option at **\$24.00, GO-10G**. To order add suffix LAA to Product Numbers listed in table for Enclosed types, and Open forms with horizontal mechanical interlock only. Three heaters should be ordered as separate items. See pages 1-153 to 1-159 for selection.

List price \$9.00 each, GO-10H.

CR309, Three-Phase Magnetic Reversing Starters

NEMA Size	Continuous Ampere Rating ¹	Voltage (60 Hz)	Horsepower	Open Type w/ Vertical Mechanical Interlock		Open Type w/ Horizontal Mechanical Interlock		NEMA Type 1		NEMA Type 3R		NEMA Type 12 ³		NEMA Type 4/4X	
				Product Number	List Price	Product Number	List Price	Product Number	List Price	Product Number	List Price	Product Number	List Price	Product Number	List Price
				CR309	GO-10G	CR309	GO-10G	CR309	GO-10G	CR309	GO-10G	CR309	GO-10G	CR309	GO-10G
00	9	Separate Control—115-120 V		-	-	A002	\$390.00	A102	\$414.00	-	-	-	-	-	-
00	9	200-208	1 1/2	-	-	A023	\$390.00	A123	\$414.00	-	-	-	-	-	-
00	9	230-240	1 1/2	-	-	A003	\$390.00	A103	\$414.00	-	-	-	-	-	-
00	9	460-480	2	-	-	A004	\$390.00	A104	\$414.00	-	-	-	-	-	-
00	9	575-600	2	-	-	A005	\$390.00	A105	\$414.00	-	-	-	-	-	-
0	18	Separate Control—115-120 V		B002CAA	\$462.00	B002	\$462.00	B102	\$486.00	B602	\$594.00	B202	\$594.00	B402	\$762.00
0	18	200-208	3	B023CAA	\$462.00	B023	\$462.00	B123	\$486.00	B623	\$594.00	B223	\$594.00	B423	\$762.00
0	18	230-240	3	B003CAA	\$462.00	B003	\$462.00	B103	\$486.00	B603	\$594.00	B203	\$594.00	B403	\$762.00
0	18	460-480	5	B004CAA	\$462.00	B004	\$462.00	B104	\$486.00	B604	\$594.00	B204	\$594.00	B404	\$762.00
0	18	575-600	5	B005CAA	\$462.00	B005	\$462.00	B105	\$486.00	B605	\$594.00	B205	\$594.00	B405	\$762.00
1	27	Separate Control—115-120 V		C002CAA	\$522.00	C002	\$522.00	C102	\$558.00	C602	\$666.00	C202	\$666.00	C402	\$942.00
1	27	200-208	7 1/2	C023CAA	\$522.00	C023	\$522.00	C123	\$558.00	C623	\$666.00	C223	\$666.00	C423	\$942.00
1	27	230-240	7 1/2	C003CAA	\$522.00	C003	\$522.00	C103	\$558.00	C603	\$666.00	C203	\$666.00	C403	\$942.00
1	27	460-480	10	C004CAA	\$522.00	C004	\$522.00	C104	\$558.00	C604	\$666.00	C204	\$666.00	C404	\$942.00
1	27	575-600	10	C005CAA	\$522.00	C005	\$522.00	C105	\$558.00	C605	\$666.00	C205	\$666.00	C405	\$942.00
2	45	Separate Control—115-120 V		D002AMA	\$990.00	D002	\$990.00	D102	\$1086.00	D602	\$1266.00	D202	\$1266.00	D402	\$1710.00
2	45	200-208	10	D023AMA	\$990.00	D023	\$990.00	D123	\$1086.00	D623	\$1266.00	D223	\$1266.00	D423	\$1710.00
2	45	230-240	15	D003AMA	\$990.00	D003	\$990.00	D103	\$1086.00	D603	\$1266.00	D203	\$1266.00	D403	\$1710.00
2	45	460-480	25	D004AMA	\$990.00	D004	\$990.00	D104	\$1086.00	D604	\$1266.00	D204	\$1266.00	D404	\$1710.00
2	45	575-600	25	D005AMA	\$990.00	D005	\$990.00	D105	\$1086.00	D605	\$1266.00	D205	\$1266.00	D405	\$1710.00
3	90	Separate Control—115-120 V		E002AMA	\$1644.00	E002	\$1644.00	E102	\$1812.00	E602	\$2208.00	E202	\$2208.00	E402	\$2736.00
3	90	200-208	25	E023AMA	\$1644.00	E023	\$1644.00	E123	\$1812.00	E623	\$2208.00	E223	\$2208.00	E423	\$2736.00
3	90	230-240	30	E003AMA	\$1644.00	E003	\$1644.00	E103	\$1812.00	E603	\$2208.00	E203	\$2208.00	E403	\$2736.00
3	90	460-480	50	E004AMA	\$1644.00	E004	\$1644.00	E104	\$1812.00	E604	\$2208.00	E204	\$2208.00	E404	\$2736.00
3	90	575-600	50	E005AMA	\$1644.00	E005	\$1644.00	E105	\$1812.00	E605	\$2208.00	E205	\$2208.00	E405	\$2736.00
4	135	Separate Control—115-120 V		F002AMA	\$4014.00	F002	\$4014.00	F102	\$4326.00	F602	\$4938.00	F202	\$4938.00	F402	\$5958.00
4	135	200-208	40	F023AMA	\$4014.00	F023	\$4014.00	F123	\$4326.00	F623	\$4938.00	F223	\$4938.00	F423	\$5958.00
4	135	230-240	50	F003AMA	\$4014.00	F003	\$4014.00	F103	\$4326.00	F603	\$4938.00	F203	\$4938.00	F403	\$5958.00
4	135	460-480	100	F004AMA	\$4014.00	F004	\$4014.00	F104	\$4326.00	F604	\$4938.00	F204	\$4938.00	F404	\$5958.00
4	135	575-600	100	F005AMA	\$4014.00	F005	\$4014.00	F105	\$4326.00	F605	\$4938.00	F205	\$4938.00	F405	\$5958.00
5	270	Separate Control—115-120 V		G002AMA	\$7713.00	G002	\$7713.00	G102	\$9519.00	G602	\$10839.00	G202	\$10839.00	G402	\$11631.00
5	270	200-208	75	G023AMA	\$7713.00	G023	\$7713.00	G123	\$9519.00	G623	\$10839.00	G223	\$10839.00	G423	\$11631.00
5	270	230-240	100	G003AMA	\$7713.00	G003	\$7713.00	G103	\$9519.00	G603	\$10839.00	G203	\$10839.00	G403	\$11631.00
5	270	460-480	200	G004AMA	\$7713.00	G004	\$7713.00	G104	\$9519.00	G604	\$10839.00	G204	\$10839.00	G404	\$11631.00
5	270	575-600	200	G005AMA	\$7713.00	G005	\$7713.00	G105	\$9519.00	G605	\$10839.00	G205	\$10839.00	G405	\$11631.00
6	540	440-600	400	²	\$18201.00	-	-	²	\$21201.00	²	\$22821.00	²	\$22821.00	²	\$24201.00
7	810	440-600	600	²	\$25803.00	-	-	-	-	-	-	-	-	-	-

¹Motor full load current should not exceed continuous ampere rating of the starter.

²Order by description giving complete data on motor being controlled, control circuit voltage, enclosure type and modifications desired.

³External reset not included on standard listed forms.



Other Coil Voltages: See page 1-6
Factory Installed Modifications: See pages 1-124 to 1-131

Field Installed Modifications: See pages 1-132 to 1-138
Extra Auxiliary Contacts: See pages 1-132 to 1-134
Heater Selection Tables: See pages 1-153 to 1-159