

Standards and Certifications

- Standard: designed to meet or exceed UL, NEMA, IEC, CSA, VDE and BS
- UL listed: UL File #E1491, Guide #NLDX—Open and NEMA 1, 4, 12 Enclosed
- CSA Certified: CSA File #LR353, Class #321104 Open and NEMA 1 Enclosed



ISO 9000 Certification

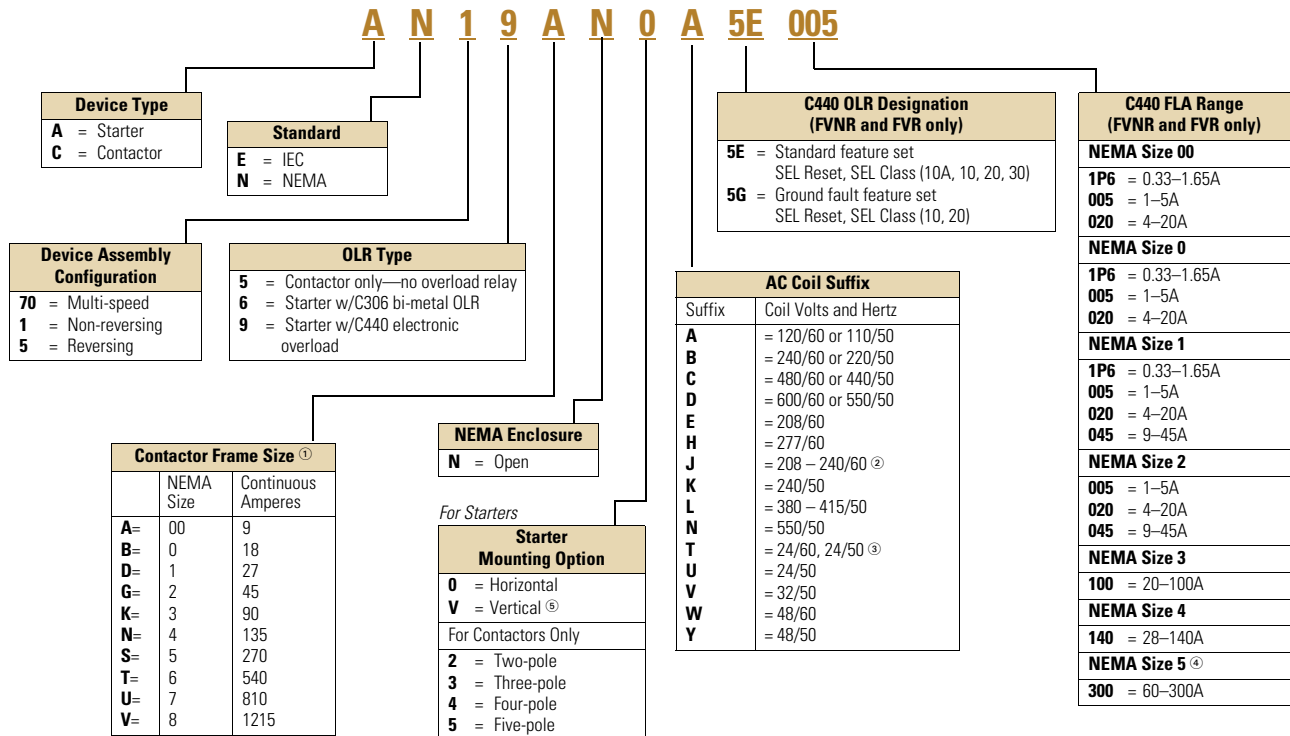
When you turn to Eaton's products, you turn to quality. The International Standards Organization (ISO) has established a series of standards acknowledged by 91 industrialized nations to bring harmony to the international quest for quality. The ISO certification process covers 20 quality system elements in design, production and installation that must conform to achieve registration. This commitment to quality will result in increased product reliability and total customer satisfaction.

Short Circuit Protection

Fuses and Inverse-Time Circuit Breakers may be selected per Article 430, Part D of the National Electrical Code to protect motor branch circuits from fault conditions. If higher ratings or settings are required to start the motor, do **not** exceed the maximum as listed in Exception No. 2, Article 430-52.

Catalog Number Selection

Freedom Series



Notes

- ① For contactor only orders, add **B** to end of catalog number if NEMA Size 00–2, 6.
- ② NEMA Sizes 00 and 0 only.
- ③ NEMA Sizes 00 and 0 only. Sizes 1–8 are 24/60 only.
- ④ NEMA Size 5 requires the use of CTs with 1-5A OL relay.
- ⑤ Only available on AN56 reversing starters.

Auxiliary Contacts

Contact Configuration Code

This two-digit code is found on the auxiliary contact to assist in identifying the specific contact configuration. The first digit indicates the quantity of NO contacts and the second indicates the quantity of NC contacts.

NEMA Sizes 00–2—IEC Sizes A–K

The auxiliary contacts listed on this page are designed for installation on Freedom Series starters and contactors. Snap-on design facilitates quick, easy installation.

These bifurcated design contact blocks, featuring silver cadmium alloy contacts, are well suited for use in very low energy (logic level) circuits.

NEMA Sizes 00–2—IEC Sizes A–K ①

	Description	Contact Configuration Code ②	Catalog Number
Side Mounted 	Side Mounted		
	1NO	10	C320KGS1
	1NC	01	C320KGS2
	1NO-1NC	11	C320KGS3
	2NO	20	C320KGS4
	2NC	02	C320KGS5
	1NO-1NCI	N/A	C320KGS6
	1NO (EC)-1NC (LO)	N/A	C320KGS7
Top Mounted 	1NCI	N/A	C320KGS8
	Top Mounted		
	1NO	10	C320KGT1
	1NC	01	C320KGT2
	1NO-1NC	11	C320KGT3
	2NO	20	C320KGT4
	2NC	02	C320KGT5
	1NO-1NCI	N/A	C320KGT6
	1NO (EC)-1NC (LO)	N/A	C320KGT7
	1NCI	N/A	C320KGT8
	3NO	30	C320KGT9
	2NO-1NC	21	C320KGT10
	1NO-2NC	12	C320KGT11
	3NC	03	C320KGT12
	4NO	40	C320KGT13
	3NO-1NC	31	C320KGT14
	2NO-2NC	22	C320KGT15
	1NO-3NC	13	C320KGT16
	4NC	04	C320KGT17
	3NO-1NCI	N/A	C320KGT18
	2NO-1NCI-1NC	N/A	C320KGT19
	2NO-1NO (EC)-1NC (LO)	N/A	C320KGT20
	1NO-1NC-1NO (EC)-1NC (LO)	N/A	C320KGT21

Notes

① NCI = Normally Closed early opening designed for use in reversing applications. EC = Early Closing. LO = Late Opening.

② For reference only—not part of catalog number.