

# NEMA Full Voltage Power Devices NEMA Rated Full Voltage Starters - Manual

## Section 1

### CR101H, CR101Y

Single-Phase

Non-combination

1 HP Maximum at 115 or 230 Volts

3/4 HP Maximum at 277 Volts for 2 pole forms

25 to 60 Hz

#### CR101H, CR101Y

Open starters include an unmounted nameplate. List prices do not include heater(s). Heaters can be selected from the table at right and ordered as a separate item at **\$6.00 each, GO-10H**.

One heater is required per starter (two for 2-speed forms and for combination starter CR101H13).

#### Toggle-Operated Nonreversing Open<sup>1</sup>

No. of Poles	Product Number	List Price GO-10G3
1	CR101Y <sup>2</sup>	\$33.00
2	CR101H <sup>2</sup>	\$39.00

<sup>1</sup>For flush or outlet box mounting.

<sup>2</sup>Units are individually boxed and "Poly-Packed" 10 per carton as standard.

#### Toggle-Operated Nonreversing Enclosed NEMA Type 1<sup>3</sup>

No. of Poles	Indicating Light	Product Number	List Price GO-10G3
1	No	CR101Y1 <sup>2</sup>	\$39.00
2	No	CR101H1 <sup>2</sup>	\$45.00
1	Yes	CR101Y11 <sup>4</sup>	\$57.00
2	Yes	CR101H11 <sup>4</sup>	\$63.00

<sup>2</sup>Units are individually boxed and "Poly-Packed" 10 per carton as standard.

<sup>3</sup>Surface mounting.

<sup>4</sup>Includes a 115/230-Volt neon lamp(s). Not available at 277 Volts.

#### Lever-Operated Nonreversing Enclosed NEMA Type 3/4/12

No. of Poles	Hubs	Product Number	List Price GO-10G3
1	3/4-inch Hub on One End	CR101Y400H	\$138.00
2	3/4-inch Hub on One End	CR101H400H	\$144.00
1	3/4-inch Hub on Both Ends	CR101Y400J	\$150.00
2	3/4-inch Hub on Both Ends	CR101H400J	\$156.00

#### Multi-speed Enclosed NEMA Type 1 Surface Mount

No. of Poles	Indicating Light	Product Number	List Price GO-10G3
1	None	CR101Y600B	\$172.00
1	Two	CR101Y610B <sup>4</sup>	\$255.00
2	None	CR101H600B	\$187.00
2	Two	CR101H610B <sup>4</sup>	\$270.00

<sup>4</sup>Includes a 115/230-Volt neon lamp(s). Not available at 277 Volts.

#### Multi-speed Enclosed NEMA Type 1 Gray Flush-Plate

No. of Poles	Indicating Light	Product Number	List Price GO-10G3
1	None	CR101Y600A	\$165.00
1	Two	CR101Y610A <sup>4</sup>	\$247.00
2	None	CR101H600A	\$180.00
2	Two	CR101H610A <sup>4</sup>	\$262.00

<sup>4</sup>Includes a 115/230-Volt neon lamp(s). Not available at 277 Volts.

#### Multi-speed Enclosed NEMA Type 1 Stainless-Steel Flush-Plate

No. of Poles	Indicating Light	Product Number	List Price GO-10G3
1	None	CR101Y608A	\$172.00
1	Two	CR101Y618A <sup>4</sup>	\$255.00
2	None	CR101H608A	\$187.00
2	Two	CR101H618A <sup>4</sup>	\$270.00

<sup>4</sup>Includes a 115/230-Volt neon lamp(s). Not available at 277 Volts.

#### Combination Device Enclosed NEMA Type 1

No. of Poles	Description	Product Number	List Price GO-10G3
2	CR101H + Base Unit HOA	CR101H12	\$102.00
2	2 (CR101H)	CR101H13	\$108.00

#### Overload Heater Units for CR101H, Y

All CR123H heaters are packaged as single units.

Product Number	List Price Each, GO-10H
CR123H (all)	\$6.00

The table below gives a proper size heater to trip the switch on approximately 125 percent motor current.

Listed values are for motors with 1.15-1.25 service factor. For motors with 1.0 service factor continuously, multiply full-load current of motor by 0.9 and use this value to select heater. Contact nearest GE Energy Representative for recommendation on heaters to be used with definite-purpose motors. If motor full-load Amperes falls between two ratings, select heater for the highest of those two.

For 1.35 service factor motors, multiply full-load current of motor by 1.15 and use this value to select heater(s).

Maximum Motor Full-Load Amperes	Heater Product Number
.48	CR123H055A
.53	CR123H061A
.58	CR123H067A
.65	CR123H074A
.71	CR123H082A
.78	CR123H090A
.86	CR123H099A
.95	CR123H108A
1.04	CR123H120A
1.14	CR123H132A
1.25	CR123H144A
1.37	CR123H158A
1.49	CR123H172A
1.63	CR123H188A
1.78	CR123H205A
1.95	CR123H224A
2.13	CR123H245A
2.32	CR123H267A
2.53	CR123H291A
2.76	CR123H317A
3.01	CR123H346A
3.27	CR123H377A
3.56	CR123H410A
3.88	CR123H446A
4.22	CR123H486A
4.60	CR123H529A
5.00	CR123H575A
5.43	CR123H625A
5.90	CR123H680A
6.41	CR123H739A
6.98	CR123H802A
7.60	CR123H873A
8.25	CR123H950A
8.95	CR123H103B
9.75	CR123H112B
10.6	CR123H122B
11.4	CR123H132B
12.5	CR123H144B
13.6	CR123H157B
14.8	CR123H171B
16.0	CR123H186B

#### Maximum Horsepower Ratings-AC or DC Continuous Carry-16 Amperes

Product Number	No. of Poles	Horsepower @ 32 V AC	Horsepower @ 115 V AC	Horsepower @ 230 V AC	Horsepower @ 277 V AC	Horsepower @ 115 V DC	Horsepower @ 230 V DC
CR101Y	1	1/4	1	1	—	1	1/4
CR101H	2	1/4	1	1	3/4	1	1

