

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.

Toggle-Operated Nonreversing Open¹

No. of Poles	Product Number
1	CR101Y ²
2	CR101H ²

¹For flush or outlet box mounting.

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

Toggle-Operated Nonreversing Enclosed NEMA Type 1³

No. of Poles	Indicating Light	Product Number
1	No	CR101Y ²
2	No	CR101H ²
1	Yes	CR101Y1 ⁴
2	Yes	CR101H1 ⁴

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

³Surface mounting.

⁴Includes 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
1	3/4-inch Hub on One End	CR101Y400H
2	3/4-inch Hub on One End	CR101H400H
1	3/4-inch Hub on Both Ends	CR101Y400J
2	3/4-inch Hub on Both Ends	CR101H400J

Multi-speed Enclosed NEMA Type 1 Surface Mount

No. of Poles	Indicating Light	Product Number
1	None	CR101Y600B
1	Two	CR101Y610B ⁴
2	None	CR101H600B
2	Two	CR101H610B ⁴

⁴Includes 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
1	None	CR101Y600A
1	Two	CR101Y610A ⁴
2	None	CR101H600A
2	Two	CR101H610A ⁴

⁴Includes 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
1	None	CR101Y608A
1	Two	CR101Y618A ⁴
2	None	CR101H608A
2	Two	CR101H618A ⁴

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

Combination Device Enclosed NEMA Type 1

No. of Poles	Description	Product Number
2	CR101H + Base Unit HOA	CR101H12
2	2 (CR101H)	CR101H13

Overload Heater Units for CR101H, Y

All CR123H heaters are packaged as single units.

Product Number

CR123H (all)

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 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

