



Features and Benefits

Features

- NEMA Class 10 tripping characteristics
- Phase loss sensitivity
- Ambient temperature compensation (-25°C to +55°C)
- Built in directly heated bimetal heater elements
- RESET button with trip-free feature
- Manual/Automatic RESET
- Circuit test button for weld check
- Trip indication
- 1 NO, isolated alarm overload contact
- Overlapping setting ranges
- Field adjustable

HP Rated Starters were developed to use the maximum horsepower capabilities per frame size of starter as tested by UL in accordance with UL508.

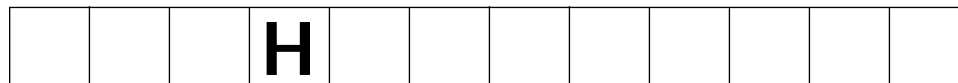


The HP Rated Starters will start higher horsepower motors per frame size than an equivalent NEMA rated starter. This can save substantial costs on your next project and you still get the high performance and long life you would expect in a quality starter.

Easy to Order

Siemens has developed a simple, easy to use catalog numbering system for the HP Rated Starters. For an explanation of how to order, see below.

HP Rated Starters Catalog Numbering System



Starter Class

- SXL** — Starter Across-the-Line
- SRL** — Starter Reversing Across-the-Line
- SCB** — Starter Combination Breaker Type
- SCN** — Starter Combination Non-Fusible Disconnect
- SCF** — Starter Combination Fusible Disconnect
- SRB** — Starter Reversing Combination Breaker
- SRF** — Starter Reversing Combination Fusible
- SRN** — Starter Reversing Combination Non-Fusible
- SOB** — Starter Combination Breaker With Oversize Enclosure
- SOF** — Starter Combination Fusible With Oversize Enclosure
- SON** — Starter Combination Non-Fusible With Oversize Enclosure

Disconnect

Used only with Combination Starters to identify rating of Breaker or Switch and Fuse Clips

Enclosure Type

- G** = General Purpose
- 1** = NEMA 1 Lift Off Cover
- 2** = NEMA 12/3R
- 4** = NEMA 4 Painted
- S** = NEMA 4 Stainless Steel
- X** = NEMA 4X Non-Metallic
- N** = Narrow Enclosure
- W** = Wide Enclosure

Coil Voltage

- 24V = **024**
- 120V = **120**
- 208V = **208**
- 240V = **240**
- 277V = **277**
- 480V = **480**
- 600V = **600**

Overload Relay

Current Range
Suffix Number
If Factory Installed

Factory Modifications

If factory modifications are required, specify the modification catalog number suffix and add the price to the basic starter catalog price.

HP Rated Starter Size Suffix Numbers

Max Hp					HP Rated Starter Suffix Number	Contactor Used In Starter
200 Volts	230 Volts	380 [Ⓢ] Volts	460 Volts	575 Volts		
2	3	5	5	7.5	HA	3TF40
3	3	5	7.5	10	HB	3TF41
5	5	10	10	15	HC	3TF42
7½	7½	15	15	20	HD	3TF43
10	10	20	25	30	HE	3TF44
15	20	30	40	50	HG	3TF46
20	25	40	50	60	HH	3TF47
25	30	50	60	75	HJ	3TF48
40	50	75	100	125	HL	3TF50
50	60	125	125	150	HN	3TF52
75	100	150	200	250	HR	3TF54
125	150	250	300	400	HT	3TF56

Ⓢ380 volts at 50Hz.