



**Features**

Solid-state squirrel-cage starters and non-reversible non-reversible reduced voltage.

**Equipment components:**

Mounted on medium voltage sections

- Three input line terminals
- Set of line isolating disconnectors, 3-pole simultaneous operation with isolating bulkheads
- External control handle with interlocks that prevent the opening of the medium-voltage compartment door until the isolation disconnecter is open and grounded
- Current-limiting fuses
- A 3-pole magnetic vacuum contactor with DC operating coils and mechanical latching
- A control power transformer (115 volts secondary)
- Two primary current-limiting fuses CPT
- A secondary control circuit fuse
- A test circuit
- Four electrical interlocks (2NO, 2NC)
- Three current transformers
- Removable SCR carriage with integrated bypass contactor integrated

**Mounted in the low voltage compartment**

Control panel with:

- One motor protection relay
- An interposing control relay
- A set of control circuit terminal blocks.
- Status lights for soft starter faults and bypass mode.

**Mounted on bottom door**

Control panel with:

- Soft start control boards
- Fiber optic harness
- Soft start control panel
- Restore button in case of failures



**Specifications**

System	3 phases 4 wire
Operating voltage	2400V, 4160 V.
Maximum capacity	2500 HP. @ 4160 VOLTS CA.
Control voltage	120 VCA
Meter capacity	400 A.
Cabinet	ANSI 61 gray carbon steel
Degree of protection	NEMA 1 o NEMA 3R
Indicator lights	30 MM industrial use LED type
Buttons	30 MM industrial use

Rated operating voltage	From 2200 to 2500 volts	From 3000 to 3600 volts	From 3800 to 4800 volts	From 6000 to 6600 volts
Interruption nominal value (with 400A interrupting meter) NEMA without fuses (E1) NEMA with fuses (E2)	8.5 kA 50 kA 200 MVA at 2400 V	8,5 kA 50 kA 285 MVA a 3300 V	8,5 kA 50 kA 400 MVA a 4600 V	8,5 kA 50 kA 570 MVA a 6600 V
Application table Induction motor (0.8 PF) Synchronous motor (1.0 PF) 3-phase capacitor transformer	1750 hp 1750 hp 2000 hp 1500 kVA 1200 kvar	2250 hp 2250 hp 2500 hp 2000 kVA 1650 kvar	3000 hp 3000 hp 3500 hp 3000 kVA 2100 kvar	4500 hp 4500 hp 5500 hp 4000 kVA 3300 kvar



### Dimensions

Horsepower	Volts	Ampere ratings of contact/SCR (closed)	Starter interrupting rated value (kVA)	Number of disposition of the equipment	Height	Width	Width	Depth	Weight pounds
2200 - 2400 volts without recoil									
1500/1750	2300	400	200.000	1	80 (2032)	36 (914)	30 (762)	1	2000
4000 - 4800 volts without recoil									
2500/3000	4600	400	400.000	1	80 (2032)	36 (914)	30 (762)	1	2000

1. Horsepower based on NEMA standard design B-motor at 1800 rpm  
2. When the horizontal busbar is added, the height rises to 92 inches (2337 mm)  
3. Maximum acceleration time is 180 seconds. Consult factory for information on periods longer than 180 seconds.

Note: Stainless steel cabinet, receptacles and outlets of your choice are available upon request.  
If you have any questions, please contact our sales department at **(871) 731 89 41**.