



Engineered to provide solutions for a variety of heavy duty applications, TEAMMaster Medium Voltage Soft Starters are feature loaded. They are an excellent solution for starting Crushers, Grinders, Ball & Hammer Mills, Compressors, Centrifuges, plus many other operations.

COMBINATION PANELS INCLUDE:

- NEMA 12, solid state starter, UL374 listed, Class E-2
- 45KV BIL
- 200MVA (2300VAC)/350MVA (4160VAC) short circuit fault rated
- 500% - 30 seconds rated solid state starter – UL347 certified and listed
- 8,000 PIV – UL347 certified and listed at 2.4KV
- 12,000 PIV – UL347 certified and listed at 4.2KV
- Fiber optic firing
- Selectable solid state or emergency full voltage operation via selector switch mounted inside of LV compartment
- Load matched Class R fusing with blown fuse indication
- 400A load break, 600A continuous, 5KV rated disconnect switch, with viewing window, grounding assembly and lockable handle mechanism. Mechanically interlocked for safety.
- Fixed mounted, start duty rated vacuum contactors for isolation and SCR bypass, wired for normal bypass operation and full voltage start operation, with (2) N/O and (2) N/C auxiliary contacts.
- Separately mounted "SPE" series electronic overload device has the following standard features:
 - Class 10-30 adjustable
 - Phase imbalance protection
 - 1 NO/1 NC trip contact
 - Phase reversal protection
 - "Trip free" design
 - Phase loss protection
- Built-in self test (BIST) features for "quick commissioning"
- 120VAC, 1000VA CPT with primary and secondary fusing, with 500VA available for customer use
- Door-mounted start and stop push buttons.
- Door-mounted LCD keypad Modular Options
- Communications bridges
- Space heater
- E-stop pushbutton
- NEMA 3R enclosure package
- Top hat enclosure module
- 8 channel RTD modules
- 16 channel RTD modules
- 45KV BIL