

EIM SOFT STARTER INFORMATION



A soft starter is an electrical device used for the acceleration, deceleration, and protection of a three-phase electric induction motor. By controlling the voltage applied to the motor, we can temporarily reduce electric current surge during startup, resulting in less mechanical stress on the motor winding, shaft, power cables, and eliminate any unwanted water hammer in a pumping application. All EIM enclosed soft start packages are referred to as our WSS series.

BENEFITS OF USING A SOFT STARTER

- PROVIDES A SOFT START TO THE LOAD MOTOR, REDUCING UTILITY COSTS.
- LESS WEAR AND TEAR ON MOTOR WINDINGS BEARINGS, AND OTHER RELATED MECHANICAL STRESSES OF THE COUPLING AND TRANSMISSION DEVICES.
- BUILT IN AC1 RATED BY-PASS CONTACTOR
- BUILT IN ELECTRONIC THERMAL OVERLOAD RELAY (ACTS AS YOUR STARTER)
- INCREASES MOTOR AND MACHINE MECHANICAL EQUIPMENT LIFETIME.
- MAJOR COST SAVINGS ANNUALLY.
- VERY LOW MAINTENANCE COST

EIM (WSS) STANDARD FEATURES

- NEMA 4X RATED ENCLOSURE, WITH GASKETED DOOR, AND REPLACEABLE FILTERS.
- WEG SSW007 SERIES LATEST TECHNOLOGY SOFT STARTER
- MAIN CIRCUIT BREAKER WITH THROUGH THE DOOR HANDLE
- 120VAC CONTROL TRANSFORMER
- H/O/A SELECTOR SWITCH
- SURGE ARRESTOR
- AUTO CONTROL CIRCUIT
- PRE-PROGRAMMED