

SSW900 – NEXT GENERATION SOFT STARTER



The SSW900 is the right choice for a complete motor protection and start/stop control. The well-structured menu interface allows adjustments and configurations with online parameter help right on the HMI, in addition to event logs with date and time and setup assistant. The SSW900 also has built-in bypass, which contributes to extending the lifetime of the soft starter, optimizing space and reducing heat dissipation inside electric panels.



Standard Features

- Ratings: 10A to 1400A @ 220Vac – 575Vac (+10% / -15%)
- 1/90-250Vac auxiliary control voltage.
- Built-in rated (AC1) bypass contactors for all models.
- Conformal coated circuit boards.
- Detachable Graphic HMI with USB port, with built-in Bluetooth and copy function.
- Oriented start-up and online help.
- Real time clock with event log.
- 2 independent slots to connect plug-in modules
- Voltage ramp, Current Limit, Pump Control, Torque control, Current Ramp start modes.
- Inputs and outputs with programmable functions (5 DI, 3 RO, 1 AO & 1 Motor PTC Input as standard)
- Communication Options: RS-485 (Modbus RTU), CANopen, DeviceNet, Profibus DP, Ethernet/IP, Modbus TCP/IP, Profinet IO.
- SoftPLC Built in.
- Integral motor thermal protection.

Applications:

- Pumps
- Fans/Exhausters/Blowers
- Mixers
- Compressors
- Conveyors
- Centrifuges
- Rock crushers
- Grinders
- Rotary ovens
- Ball and Hammer Mills
- Wood chippers
- Dryers
- Roller tables



SSW900 – NEXT GENERATION SOFT STARTER

SSW900 LD, ND, HD Output Current Ratings @ 40°C¹ and < 1000m Altitude

Catalog Number	Light Duty (300% for 10s, 6 starts/hr)	Normal Duty (350% for 30s, 4 starts/hr)	Heavy Duty (450% for 30 s, 4 starts/hr)	Dimensions (In.) HxWxD	Approx. Weight (lbs.)
SSW900A0010T5E2B	10	10	10	7.9" x 5.0" x 8.0"	4.3
SSW900A0017T5E2B	17	17	15	7.9" x 5.0" x 8.0"	4.3
SSW900A0024T5E2B	24	24	22	7.9" x 5.0" x 8.0"	4.3
SSW900A0030T5E2B	30	30	27	7.9" x 5.0" x 8.0"	4.3
SSW900B0045T5E2B	45	45 ²	35 ²	8.2" x 5.7" x 10.2"	8.9
SSW900B0061T5E2B	61	60 ²	46 ²	8.2" x 5.7" x 10.2"	8.9
SSW900B0085T5E2B	85	83 ²	65 ²	8.2" x 5.7" x 10.2"	8.9
SSW900B0105T5E2B	105	105 ²	83 ²	8.2" x 5.7" x 10.2"	8.9
SSW900C0130T5E2B	130	130 ²	106 ²	10.9" x 8.8" x 10.3"	14.4
SSW900C0171T5E2B	171	171 ²	143 ²	10.9" x 8.8" x 10.3"	14.4
SSW900C0200T5E2B	200	200 ²	168 ²	10.9" x 8.8" x 10.3"	14.4
SSW900D0255T5E3B	255	255	206	13.0" x 8.9" x 11.1"	28.3
SSW900D0312T5E3B	312	311	242	13.0" x 8.9" x 11.1"	28.3
SSW900D0365T5E3B	365	365	284	13.0" x 8.9" x 11.1"	28.3
SSW900D0412T5E3B	412	412	322	13.0" x 8.9" x 11.1"	28.3
SSW900E0480T5E3B	480	455	354	22.6" x 15.4" x 10.2"	83.7
SSW900E0604T5E3B	604	526	409	22.6" x 15.4" x 10.2"	83.7
SSW900E0670T5E3B	670	584	454	22.6" x 15.4" x 10.2"	83.7
SSW900F0820T5E3B ³	820	711	553	29.9" x 29.9" x 12.4"	166.2
SSW900F0950T5E3B ³	950	826	643	29.9" x 29.9" x 12.4"	166.2
SSW900G1100T5E3B ³	1100	958	745	36.0" x 36.0" x 12.4"	236.3
SSW900G1400T5E3B ³	1400	1225	952	36.0" x 36.0" x 12.4"	236.3

Notes:

1. Output current d-rating may apply to certain frame sizes above 40°C. Please consult WEG for sizing.
2. Ratings with Ventilation kit.
3. These ratings will be available in 4th Q of 2021.

Light Duty: Agitator, Bow Thruster - Zero Pitch, Compressor - Rotary Vane, Compressor - Scroll, Feeder - screw, Lathe machines, Molding Machine, Roller table.

Normal Duty: Ball mill, Bow Thruster - Loaded, Compressor - Reciprocating, Compressor - Rotary Screw, Conveyor - unloaded, Grinder, Hammer mill, Mixer, Pelletizers, Pump, Pump Jack, Rolling mill, Saw, Screen vibrating, Tumblers, Fan - Low Inertia, Sifters/vibrating tables, Dynamic Graders, Extruder, Calender, Blower, Granulators, Continuous Dryer and Oven, Suppression systems, Bottling lines.

Heavy Duty: Centrifuge, Crusher, Conveyor - loaded, Fan - High Inertia, Shredder, Wood chipper, Press, flywheel, Compressor - Centrifugal.



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