

Soft Starters

# SSW 05 *SSW* 05



**Sales**

1-800-ASK-4WEG  
275 4934

**Tech Support**

1-877-WEG-DRIV  
934 3748

SSW05.01.07





- 3 to 60HP
- 208-480V, 50/60Hz Input Power Supply
- 10 to 85 Amps
- Protected Chassis Enclosure
- Duty Cycle: 300% rated current during 10 seconds, 4 starts per hour
- Built-in bypass contacts

## TECHNICAL DATA

POWER SUPPLY	Main Voltage	220 ... 460 Vac (+10%, -15%)
	Control Voltage	90 ...250 Vac
	Frequency	50 / 60Hz (+/- 5Hz)
ENCLOSURE		IP00 Protected Chassis
DUTY CYCLE		300% rated current during 10 seconds, 4 starts per hour
CONTROL INPUTS	Digital	One input for Start/Stop (90 - 250 Vac)
		One input for Fault Reset (90 - 250 Vac)
CONTROL OUTPUTS	Digital	One relay output for Run indication (1 Amp - 250V)
		One relay output for Full Voltage indication (1 Amp - 250V)
COMMUNICATION	Serial Interface	RS-232C
SAFETY	Protections	Motor overload*
		Locked rotor*
		Over current*
		Phase sequence*
		Phase loss*
	* Can be disabled	SCR overload
CONTROL FEATURES	Pedestal Voltage	30 80% of line voltage
	Accel Ramp	1 ... 20 seconds
	Decel Ramp	Off ... 20 seconds
	Motor Current	30 ... 100% of SSW-05 rating
	Fault Reset	Manual or Automatic
AMBIENT	Temperature	32 ... 131°F (0 - 55°C)
	Humidity	0 90% Non Condensing
	Altitude	0 ... 1000m (3,300 ft) - Standard Operation at Rated Current Up to 4000m (13,200 ft) - With Current Derating (1%/100m (328 ft))
CONFORMITIES	Low Voltage	UL 508 - Industrial Control Equipment IEC 60947-4-2
	EMC	EMC Directive 89 / 336 / EEC - Industrial Environment, Class A

## PROTECTED CHASSIS ENCLOSURE

Motor Volts	Motor HP	Soft Starter AMPS	Catalog Number	Dimensions (in.) H x W x D	App. Shpg. Wt. (lbs.)
230V	<b>INPUT POWER SUPPLY: THREE-PHASE - 230V</b>				
	3	10	SSW050010T2246EPZ	5.1 X 2.3 X 5.7	3
	5	16	SSW050016T2246EPZ	5.1 X 2.3 X 5.7	3
	7.5	23	SSW050023T2246EPZ	5.1 X 2.3 X 5.7	3
	10	30	SSW050030T2246EPZ	5.1 X 2.3 X 5.7	3
	15	45	SSW050045T2246EPZ	7.3 X 3.1 X 6.8	6
	20	60	SSW050060T2246EPZ	7.3 X 3.1 X 6.8	6
460V	<b>INPUT POWER SUPPLY: THREE-PHASE - 460V</b>				
	5	10	SSW050010T2246EPZ	5.1 X 2.3 X 5.7	3
	10	16	SSW050016T2246EPZ	5.1 X 2.3 X 5.7	3
	15	23	SSW050023T2246EPZ	5.1 X 2.3 X 5.7	3
	20	30	SSW050030T2246EPZ	5.1 X 2.3 X 5.7	3
	30	45	SSW050045T2246EPZ	7.3 X 3.1 X 6.8	6
	40	60	SSW050060T2246EPZ	7.3 X 3.1 X 6.8	6
60	85	SSW050085T2246EPZ	7.3 X 3.1 X 6.8	6	

- Notes:**
- 1) "HP" rating based on Table 430-15- of the NEC. Use as a guide only. Motor FLA may vary with speed and manufacturer. **ALWAYS compare motor FLA to Nominal AMPS of starter.**
  - 2) 120V Control Power Supply required.
  - 3) For other technical data please refer to WEG product manual.

## ACCESSORIES

Description	Catalog Number
Remote Keypad with LED Display	HMI-SSW05-RS
3.3 ft. Remote Keypad Cable	CAB-RS-1
6.6 ft. Remote Keypad Cable	CAB-RS-2
10 ft. Remote Keypad Cable	CAB-RS-3
15 ft. Remote Keypad Cable	CAB-RS-5
25 ft. Remote Keypad Cable	CAB-RS-7.5
33 ft. Remote Keypad Cable	CAB-RS-10

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[www.wegelectric.com](http://www.wegelectric.com)



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