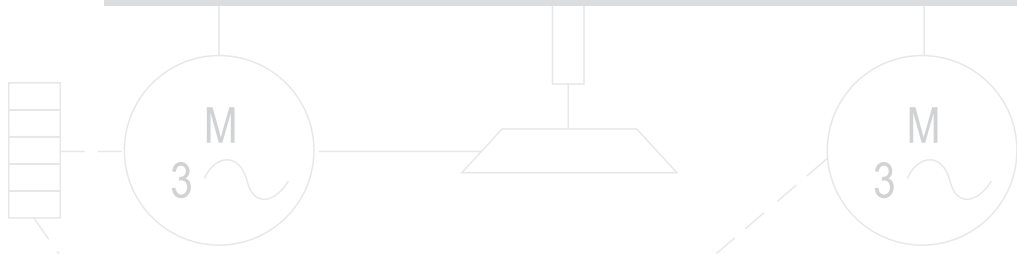
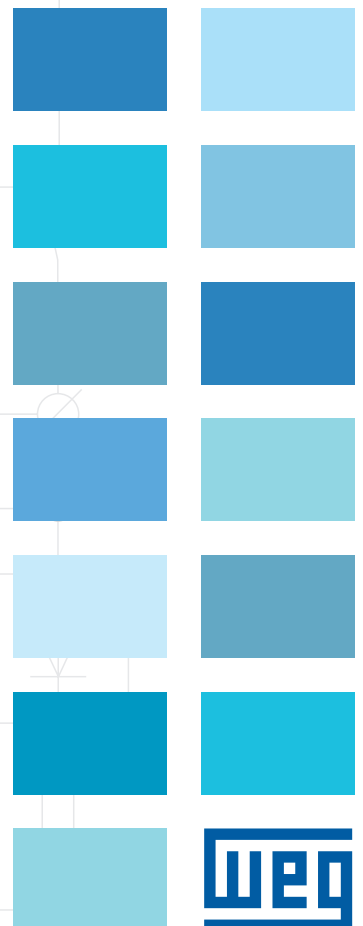


# SSW05

## Soft Starter



# Soft Starters SSW05

The WEG SSW05 Soft Starter is a super compact fully digital soft starter with a state-of-the-art DSP controller. Its digital construction provides optimum operation, diagnostics capability and full motor protection. Simplicity in set-up and operation is assured since all parameters and set-up selections are made via dip switches and potentiometers. Status LED's alert the user of the operational status of the SSW05. Simplicity, ease of set-up, and the micro size assures quick and easy installation and operation.



### Applications

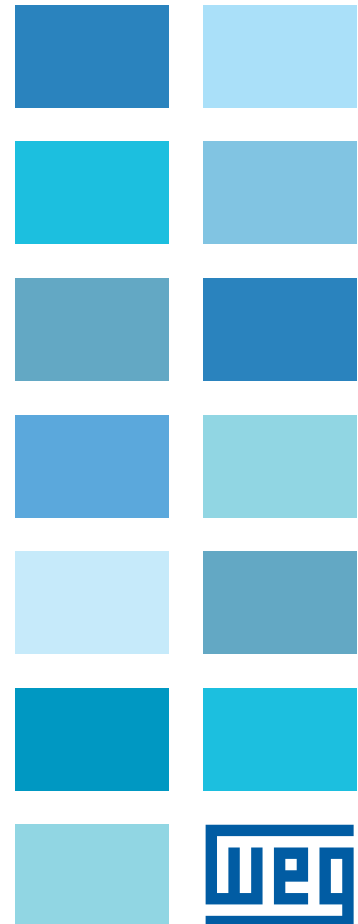
- Pumps
- Fans
- Blowers
- Compressors

### Standard Features

- 208 - 480V, 50/60Hz input power supply
- Duty cycle: 300% rated current during 10 seconds, 4 starts per hour
- Built-in bypass contacts
- One digital input for Start/Stop (90 - 250 Vac)
- One digital input for Fault Reset (90 - 250 Vac)
- One relay output for Run indication (1 Amp - 250V)
- One relay output for Full Voltage indication (1 Amp - 250V)
- RS-232 serial port
- Adjustable acceleration and deceleration ramps (1 - 20 seconds)
- For high inertia loads, see SSW07 product line.
- Adjustable pedestal voltage (30 - 80% of line voltage)
- Protective features: Motor overload, over current and locked rotor, SCR overload, phase loss and phase sequence
- DIN rail or direct mount
- Ambient: 32°F (0°C) to 131°F (55°C), 3300ft (1000m) altitude, 90% non-condensing humidity

### Optional Features

- Remote Keypad
- PC Programming Software



SOFT STARTERS





# Soft Starters

## SSW05

### Protected Chassis Enclosure



Motor Volts	Motor HP	Soft Starter AMPS	Catalog Number	Frame Size	Dimensions (in.) H x W x D	App. Shpg. Wt. (lbs.)	List Price	Multiplier Symbol
230V	INPUT POWER SUPPLY: THREE-PHASE - 230V							
	3	10	<a href="#">SSW050010T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$531	E1
	5	16	<a href="#">SSW050016T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$603	E1
	7.5	23	<a href="#">SSW050023T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$694	E1
	10	30	<a href="#">SSW050030T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$754	E1
	15	45	<a href="#">SSW050045T2246EPZ</a>	2	7.3 X 3.1 X 6.8	6	\$943	E1
	20	60	<a href="#">SSW050060T2246EPZ</a>	2	7.3 X 3.1 X 6.8	6	\$1,135	E1
	30	85	<a href="#">SSW050085T2246EPZ</a>	2	7.3 X 3.1 X 6.8	6	\$1,382	E1
460V	INPUT POWER SUPPLY: THREE-PHASE - 460V							
	5	10	<a href="#">SSW050010T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$531	E1
	10	16	<a href="#">SSW050016T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$603	E1
	15	23	<a href="#">SSW050023T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$694	E1
	20	30	<a href="#">SSW050030T2246EPZ</a>	1	5.1 X 2.3 X 5.7	3	\$754	E1
	30	45	<a href="#">SSW050045T2246EPZ</a>	2	7.3 X 3.1 X 6.8	6	\$943	E1
	40	60	<a href="#">SSW050060T2246EPZ</a>	2	7.3 X 3.1 X 6.8	6	\$1,135	E1
	60	85	<a href="#">SSW050085T2246EPZ</a>	2	7.3 X 3.1 X 6.8	6	\$1,382	E1

Notes:

- 1) "HP" rating based on Table 430-150 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.

SOFT STARTERS

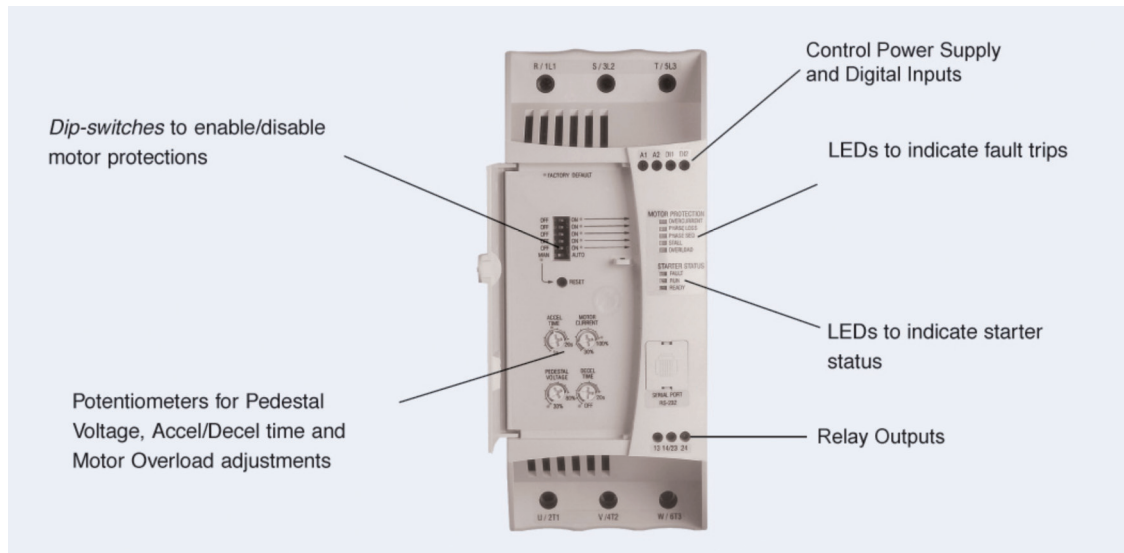
### SSW05 – Accessories

Description	Catalog Number	List Price	Multiplier Symbol
Remote Keypad with LED Display	<a href="#">HMI-SSW05-RS</a>	\$120	E1
3.3 ft. Remote Keypad Cable	<a href="#">CAB-RS-1</a>	\$23	V1
6.6 ft. Remote Keypad Cable	<a href="#">CAB-RS-2</a>	\$31	V1
10 ft. Remote Keypad Cable	<a href="#">CAB-RS-3</a>	\$41	V1
15 ft. Remote Keypad Cable	<a href="#">CAB-RS-5</a>	\$51	V1
25 ft. Remote Keypad Cable	<a href="#">CAB-RS-7.5</a>	\$62	V1
33 ft. Remote Keypad Cable	<a href="#">CAB-RS-10</a>	\$72	V1

# Soft Starters

## SSW05

### Settings and Indications



### SSW05 – Technical Data

<b>Power Supply</b>	Main Voltage	220 ... 460 Vac (+10%, -15%)
	Control Voltage	90 ... 250 Vac
	Frequency	50 / 60Hz (+/- 5Hz)
<b>Enclosure</b>	IP00 Protected Chassis	
<b>Duty Cycle</b>	300% rated current during 10 seconds, 4 starts per hour	
<b>Control Inputs</b>	Digital	One input for Start/Stop (90 - 250 Vac) One input for Fault Reset (90 - 250 Vac)
	Digital	One relay output for Run indication (1 Amp - 250V) One relay output for Full Voltage indication (1 Amp - 250V)
<b>Communication</b>	Serial Interface	RS-232C
<b>Safety</b>	Protections	Motor overload* Locked rotor* Over current* Phase sequence* Phase loss*
	* Can be disabled	SCR overload
	Pedestal Voltage	30 ... 80% of line voltage
	Accel Ramp	1 ... 20 seconds
	Decel Ramp	Off ... 20 seconds
<b>Control Features</b>	Motor Current	30 ... 100% of SSW-05 rating
	Fault Reset	Manual or Automatic
	Temperature	32 ... 131°F (0 - 55°C)
<b>Ambient</b>	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) above 1000m (13,200 ft) )
	Low Voltage	UL 508 - Industrial Control Equipment IEC 60947-4-2
<b>Conformities</b>	EMC	EMC Directive 89 / 336 / EEC - Industrial Environment, Class A

SOFT STARTERS

