

GPH2

Combination Soft Starters

The Combination Soft Starter is a NEMA 4/12 Enclosed industrial general purpose AC motor soft starter package. It is designed for simple and quick installation and start-up, requiring only input power and output motor connections.

The Combination Soft Starter is built to complement the ruggedness and reliability of WEG motors, providing a complete, simple, and cost effective AC motor starting and protection solution.



Applications

- Centrifugal Pumps
- Screw Compressors
- Wood Chipper
- Veneer Lathe
- Saw
- Conveyor

Notes:

"HP" rating based on "average FLA values". Use as a guide only. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS and Max Continuous AMPS of starter.

Standard Panel Includes:

- Soft Starter:
 - SSW07 from 17 to 412Amps (all models with integrated AC1 by-pass).
- Circuit Breaker with Through Door Disconnect
- Control Power Transformer
- Start/Stop Pushbuttons
- Run/Fault Pilot Lights

Standard Features

- Rated for 300% for 30 seconds 4 x per hour
- 5 – 175HP at 230V
- 10 – 350HP at 460V
- Wall mounted enclosures for up to 125HP@230V
- Floor Mounted enclosure for up to 250HP@460V, 150 – 175HP@230V, 300 – 350HP@460V

Note:

SSW07 models do not include keypad

Optional Features

- AC3 by-pass contactor and DOL Selector Switch
- Door mounted keypad
- 575V



GPH2

Combination Soft Starter 5 to 350 HP

Coding

1 GPH2	2 005	3 Q	4 C	5 2	6 0	7 0	8 0
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1. GPH2 series

2. Horse Power

005 = 5 HP

200 = 200 HP

350 = 350 HP

3. By-pass

Q = built-in AC1 (run rated contactor)

P = external AC3 (full rated contactor)

4. Circuit Breaker:

C = includes circuit breaker

5. Input Voltage

2 = 200-240VAC

4 = 460-480VAC

6. Future use

0 = Future use

7. Future use

0 = Future use

8. Keypad

0 = No keypad on door

1 = Includes keypad on door



Soft Starters

GPH2

GPH2 Series - NEMA 4/12 Enclosure

Motor Volts	Motor HP	Starter AMPS	Catalog Number	Dimensions (in.) H x W x D	App. Shpg. Wt. (lbs.)	List Price	Multiplier Symbol
INPUT POWER SUPPLY: THREE-PHASE - 200V - 240V							
200V - 240V	5	17	GPH2005QC2000	24 X 16 X 8	140	\$3,650	E1
	7.5	24	GPH2007QC2000	24 X 16 X 8	140	\$3,750	E1
	10	30	GPH2010QC2000	24 X 16 X 8	140	\$3,900	E1
	15	45	GPH2015QC2000	32 X 24 X 12	150	\$4,300	E1
	25	61	GPH2025QC2000	32 X 24 X 12	150	\$4,800	E1
	30	85	GPH2030QC2000	32 X 24 X 12	150	\$5,800	E1
	40/50	130	GPH2050QC2000	40 X 24 X 14	280	\$6,990	E1
	60	171	GPH2060QC2000	40 X 24 X 14	280	\$7,500	E1
	75	200	GPH2075QC2000	40 X 24 X 14	280	\$8,450	E1
	100	255	GPH2100QC2000	40 X 32 X 12	415	\$10,700	E1
	125	312	GPH2125QC2000	40 X 32 X 12	415	\$11,880	E1
	150	365	GPH2150QC2000	**72 X 36 X 12	610	\$12,700	E1
	175	412	GPH2175QC2000	**72 X 36 X 12	610	\$14,500	E1
INPUT POWER SUPPLY: THREE-PHASE - 460V / 480V							
460V - 480V	10	17	GPH2010QC4000	24 X 16 X 8	140	\$3,650	E1
	15	24	GPH2015QC4000	24 X 16 X 8	140	\$3,750	E1
	20	30	GPH2020QC4000	24 X 16 X 8	140	\$3,900	E1
	30	45	GPH2030QC4000	32 X 24 X 12	150	\$4,300	E1
	40/50	61	GPH2050QC4000	32 X 24 X 12	150	\$4,800	E1
	75	85	GPH2075QC4000	32 X 24 X 12	150	\$5,800	E1
	100	130	GPH2100QC4000	40 X 24 X 14	280	\$6,990	E1
	125	171	GPH2125QC4000	40 X 24 X 14	280	\$7,500	E1
	150	200	GPH2150QC4000	40 X 24 X 14	280	\$8,450	E1
	200	255	GPH2200QC4000	40 X 32 X 12	415	\$10,700	E1
	250	312	GPH2250QC4000	40 X 32 X 12	415	\$11,880	E1
	300	365	GPH2300QC4000	**72 X 36 X 12	610	\$12,700	E1
	350	412	GPH2350QC4000	**72 X 36 X 12	610	\$14,500	E1
Notes: 1) "HP" rating based on "average FLA values". Use as a guide only. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS and Max Continuous AMPS of starter. 2) See options on the next page. **Includes 12" Floor Stand Kit							

GPH2 includes:

Control Power Transformer with Fuses,
 Circuit Breaker with through door handle
 Built in AC1 Run Rated Bypass
 Start-Stop Pushbuttons
 Run and Fault Pilot Lights



Soft Starters

Custom Panel

Options

GPH2

Motor Volts	Motor HP	Starter AMPS	Original Catalog Number (will change with mod, see notes below)	Adders		
				AC3 Full HP Rated Bypass	Keypad on Door	Multiplier Symbol
INPUT POWER SUPPLY: THREE-PHASE - 200V - 240V						
200V - 240 V	5	17	GPH2005QC2000	\$250	\$495	E1
	7.5	24	GPH2007QC2000	\$282	\$495	E1
	10	30	GPH2010QC2000	\$343	\$495	E1
	15	45	GPH2015QC2000	\$565	\$495	E1
	25	61	GPH2025QC2000	\$612	\$495	E1
	30	85	GPH2030QC2000	\$785	\$495	E1
	40/50	130	GPH2050QC2000	\$1,270	\$495	E1
	60	171	GPH2060QC2000	\$1,513	\$495	E1
	75	200	GPH2075QC2000	\$1,900	\$495	E1
	100	255	GPH2100QC2000	\$2,265	\$495	E1
	125	312	GPH2125QC2000	\$2,967	\$495	E1
	150	365	GPH2150QC2000	\$3,006	\$495	E1
	175	412	GPH2175QC2000	\$6,575	\$495	E1
INPUT POWER SUPPLY: THREE-PHASE - 460V / 480V						
460V - 480V	10	17	GPH2010QC4000	\$250	\$495	E1
	15	24	GPH2015QC4000	\$282	\$495	E1
	20	30	GPH2020QC4000	\$343	\$495	E1
	30	45	GPH2030QC4000	\$565	\$495	E1
	40/50	61	GPH2050QC4000	\$612	\$495	E1
	75	85	GPH2075QC4000	\$785	\$495	E1
	100	130	GPH2100QC4000	\$1,270	\$495	E1
	125	171	GPH2125QC4000	\$1,513	\$495	E1
	150	200	GPH2150QC4000	\$1,900	\$495	E1
	200	255	GPH2200QC4000	\$2,265	\$495	E1
	250	312	GPH2250QC4000	\$2,967	\$495	E1
	300	365	GPH2300QC4000	\$3,006	\$495	E1
	350	412	GPH2350QC4000	\$6,575	\$495	E1
Notes: 1) These are non-stocked items. Please contact WEG for availability, product can usually ship 3-4 weeks ARO.						

Standard GPH2 panels are built with AC1 Run Rated Bypass and without the keypad in the door. All units are wall mounted except for the largest enclosure which includes a 12" floor kit standard. To order the above options, change the Part Numbers as follows...

Part #: GPH2050QC4000

Q = built in AC1 run rated bypass or

P = AC3 full bypass contactor

2 = 200/240V or 4 = 460/480V

Last 0 = No keypad on door or 1 for keypad on door

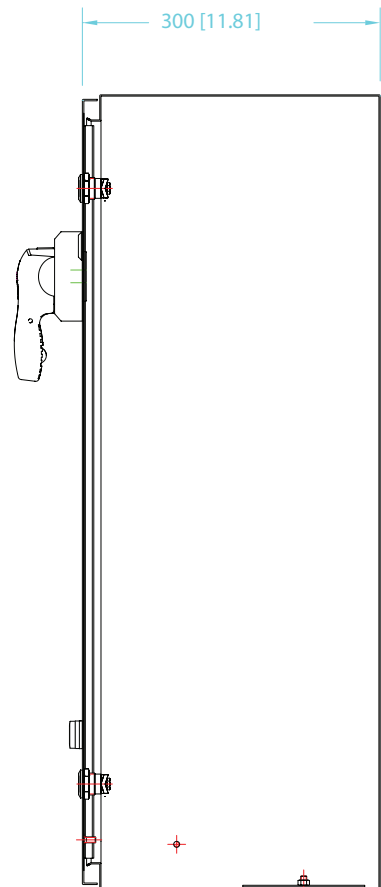
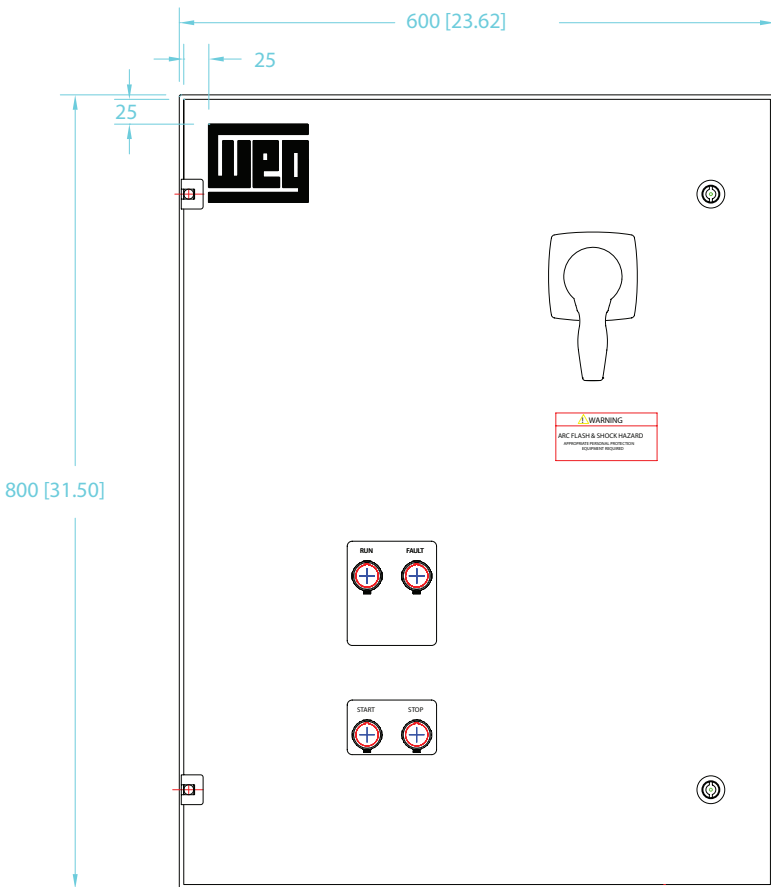
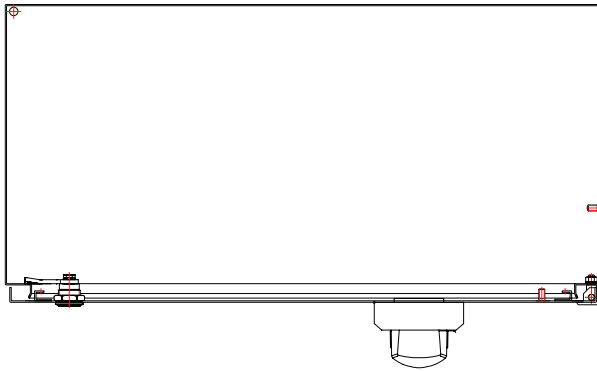


GPH2

Dimensions



GPH2



Refer to enclosure table for exact dimensions

