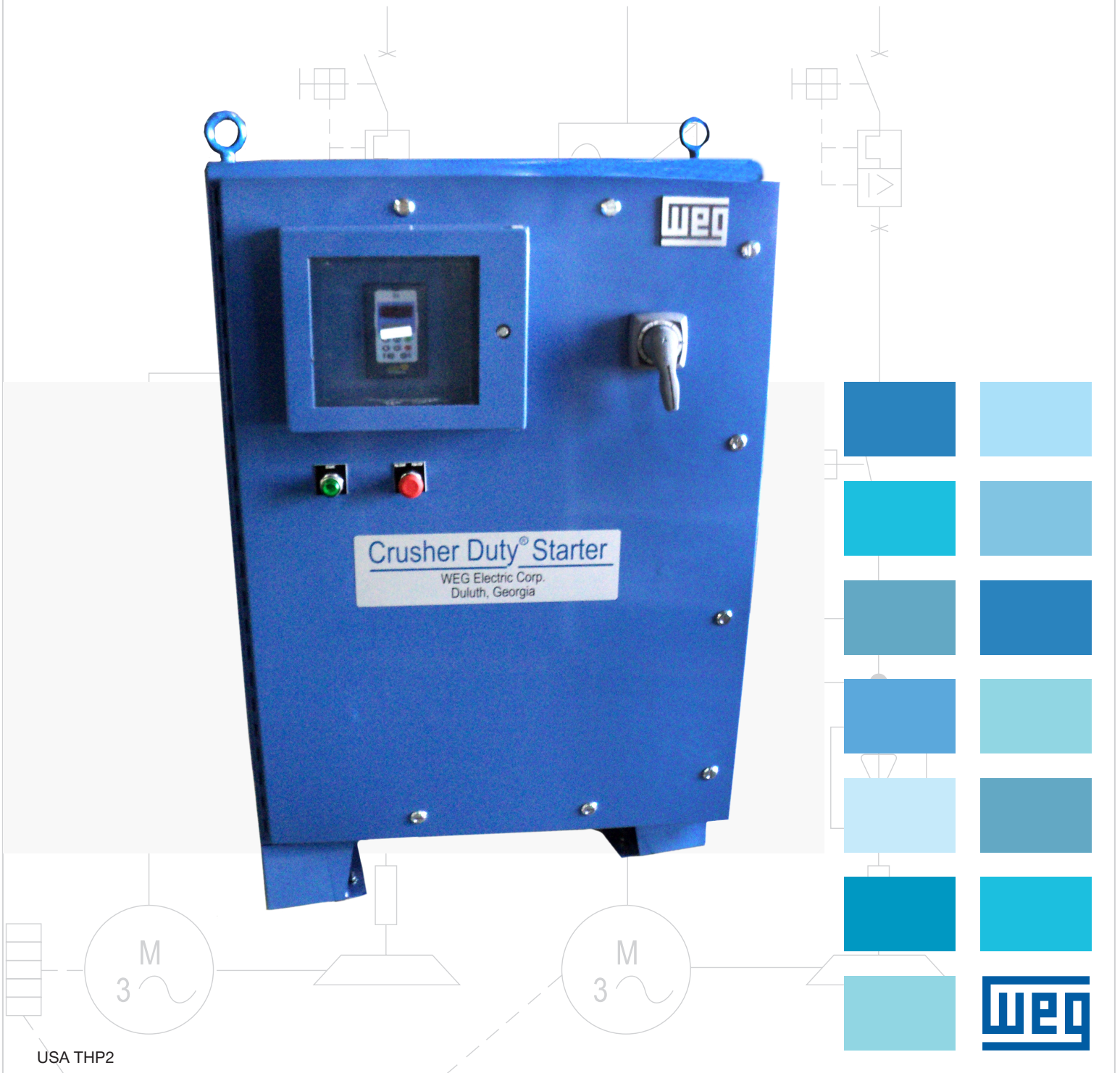


Crusher Duty TPH2

Starter Panels





Crusher Duty TPH2

Starter Panels

The WEG TPH2 Series of Crusher Duty® soft starters are designed to conquer the most demanding AC motor starting applications. While surpassing the highest starting torque requirements, the protective NEMA 4/12 enclosure makes the TPH2 Crusher Duty® soft starters ideal for the harsh industrial environments, even in wash down locations. Including as standard an AC3 full HP rated bypass contactor and motor overload relay, emergency direct-on-line starting is available at the flip of a switch while still providing full motor protection. Power lugs make motor connections safe and easy. The WEG TPH2 starters are built to complement the ruggedness and reliability of WEG motors, providing a complete and cost effective AC motor starting and protection solution.

Standard Features

- Rated 500% for Crusher Duty® applications.
- NEMA 4/12 WEG Blue enclosure. Suitable for dusty, wet or outdoor applications.
- Narrow design requires less space. Legs eliminate difficult wall mounting.
- Protective barriers over 460V and 120V terminals.
- Circuit breaker with door mounted operator provides built-in short circuit protection and power disconnect.
- Full HP rated bypass contactor (AC3) with thermal overload relay and emergency start switch inside the enclosure (Softstart-Off-Across the Line) can be used in the event of Soft starter failure.
- Full soft starter protection during both start and bypass provides full protection from over/under current, supply and motor phase fault, phase unbalance, overtemp and over current.
- Keypad and full sized operator controls on cover with steel frame NEMA-4 window and cover over keypad. All parameter changes are through the cover-mounted keypad. Dust and water stay out of the enclosure. Monitoring of current, voltage, kVA and kW can be done from the outside.
- Terminations for remote start-stop furnished - no need to trace control circuit for additional power lines.
- 250VA 120V service receptacle - Power up meters, lights, and small tools without additional power lines.
- Modular multiple subpanel design. Ease of field modification or component replacement.

THP2 - Combination Soft Starter 100 to 500 HP

Coding

1	2	3	4	5	6	7	8
TPH2	100	K	D	0	0	0	0

1. TPH2 series	
2. Horse Power	100 = 100 HP 500 = 500 HP
3. By-pass	K = AC3 full rated contactor
4. Circuit Breaker:	D = includes circuit breaker
5. Future use	0 = Future use
6. Future use	0 = Future use
7. Future use	0 = Future use
8. Future use	0 = Future use



SuperDrive G2 Compatible

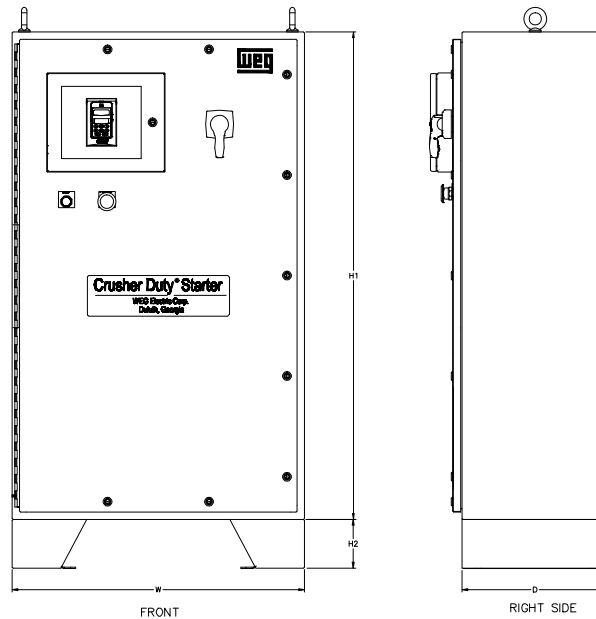


Soft Starters

Crusher Duty TPH Series

Motor Volts	Motor HP	Starter AMPS	Catalog Number	Frame	App. Shpg. Wt. (lbs.)	List Price	Multiplier Symbol
460V - 480V	INPUT POWER SUPPLY: THREE-PHASE - 460V / 480V						
	100	130	TPH2100KD0000	A	442	\$14,605	K2
	150	205	TPH2150KD0000		470	\$17,014	K2
	200	255	TPH2200KD0000	B	608	\$20,938	K2
	250	312	TPH2250KD0000		658	\$22,300	K2
	300	365	TPH2300KD0000	C	710	\$27,946	K2
	350	412	TPH2350KD0000		770	\$30,293	K2
	400	480	TPH2400KD0000		855	\$34,357	K2
500	604	TPH2500KD0000	875		\$43,756	K2	

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.



Frame	W	D	H1	H2	H1 + H2
A	36	16	48	6	54
B	36	18	60	6	66
C	36	18	72	6	78

Notes: H1 + H2 = overall height





WEG Electric Corp. offers the following products, and more! With a full range of IEC/NEMA Global Certifications and a full line of products, WEG can supply the right solution for your needs anywhere in the world. To learn more about WEG's products and solutions or to locate a Distributor near you, please call **1-800-ASK-4WEG** or visit **www.weg.net/us**.

**Low Voltage Motors,
Single and 3-Phase, 1/8 – 700HP**

- General Purpose Motors
- Explosion Proof Motors
- Crusher Duty Motors
- IEC Tru-Metric Motors
- Pump Motors including JP/JM
- P-Base Pump Motors
- Oil Well Pumping Motors
- Pool & Spa Motors
- Brake Motors
- Compressor Duty Motors
- Farm Duty Motors
- Poultry Fan Motors
- Auger Drive Motors
- IEEE 841 Motors
- Stainless Steel Wash Down Motors
- Saw Arbor Motors
- Cooling Tower Motors
- Commercial HVAC Motors
- Pad Mounted Motors
- Vector Duty Motors

Large Electric Motors

- Low Voltage 3-phase motors up to 2,500HP
- Motors up to 70,000HP and 13,200V
- Wound Rotor Systems (including starters) up to 70,000HP and 13,200V
- Synchronous Motors up to 70,000HP and 13,200V
- Explosion proof motors (Ex-d) up to 1,500kW and 11kV

Ex-n, Ex-e, Ex-p motors

Variable Frequency Drives

- Low Voltage 1/4 to 2500HP, 230V – 480V
- Medium Voltage 500-8000HP
- Multi-pump systems
- NEMA 4X
- Dynamic braking resistors
- Line and load reactors
- Plug and play technology
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- PLC functions integrated
- Complete line of options and accessories

Soft Starters

- 3-1500HP
- Oriented start-up
- Built-in bypass contactor
- Universal source voltage (230-575V, 50/60Hz)
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- Complete Line of options and accessories
- MV Soft-starter 3.3kV, 41.6kV: up to 3500HP, Withdrawable Power Stacks, & 8x PT100 Temperature monitoring

Controls

- Mini – Contactors
- IEC Contactors
- Thermal Overload Relays
- Manual Motor Protectors
- Molded Case Circuit Breakers
- Smart Relays
- Enclosed Starters: combination & non-

- combination,
- Pushbuttons & Pilot Lights
- Timing & Motor Protection Relays
- Terminal Blocks

Custom Panels

- Custom configured to your specification.
- NEMA 1, 12, 3R, 4 and 4X cabinets
- Quick delivery of preconfigured drives and soft starters
- UL 508 certified
- Low Voltage (230-460)
- Made in the U.S.A.

Generators

- Brushless Synchronous Generators for diesel gen-sets up to 4,200kVA
- Hydro-generators up to 25,000kVA
- Turbo-generators up to 62,500kVA

Power Transformers

- Built and engineered in North America
- Voltages < 500kV
- Ratings 5-300MVA
- Station class, oil filled, round core, copper windings
- Special configurations and designs available!
- Ask your WEG Sales Representative for details.
- Designed, built, and engineered to ANSI standards.

Custom Solution Package Sales

- WEG can package any of its products for ease of sale! Enjoy a single point of contact for the entire package of products and assistance from quote through after-sales support. Ask your WEG Sales Representative for details.

Please contact your authorized distributor:



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