



MOTORTRONICS™

Solid State AC Motor Control

V **MX-H** *Series*

*Heavy Duty "Configured" Soft Starter
with Line Start Rated Bypass Contactor*

NEMA 4 / 12 Enclosure

Start Rated Bypass

Circuit breaker w/Door Operator

VMX Digital Starter

Built-in Line Start Rated Bypass

120V Control Voltage (CPT included)

Soft Start or Across-the-line Switch

Terminal Strip for Customer Interface

Ratings from 22 to 960 A



***Overload Capacity
500% for 60 sec.***



VMX-H

Series

SMART DOOR

- Keypad
 - Programming
 - Diagnostics
 - Metering

- Emergency Stop Pushbutton
- Start/Stop Pushbutton
- Local / Off / Remote Switch
- Power On Light
- Soft Start / XL Switch
- Motor Run Light
- Start Fault Light
- External Interlock Light
- Check E-Stop Light
- XLine Enabled Light

Model Number	Max Amps	Nominal Motor HP Rating				Fused Switch/ Circuit Breaker	Frame Size
		208V	240V	480V	575V		
VMX-H-21-FS*	22	7.5	7.5	15	10-15	40A FS	1
VMX-H-27-FS*	34	10	10	25	20	50A FS	1
VMX-H-40-FS*	42	10	15	30	25	60A FS	1
VMX-H-45-CB*	54	15	20	40	30	100A CB	1
VMX-H-55-CB*	68	20	25	50	40	100A CB	1
VMX-H-68-CB*	80	25	30	60	50	100A CB	1
VMX-H-96-CB*	96	30	30	75	60	150A CB	1
VMX-H-125-CB*	130	40	50	100	75	225A CB	1
VMX-H-156-CB*	180	60	60	150	100	225A CB	2
VMX-H-220-CB*	192	60	75	150	150	400A CB	2
VMX-H-248-CB*	312	100	125	250	200	400A CB	2
VMX-H-400-CB*	361	125	150	300	300	600A CB	2
VMX-H-480-CB*	480	150	200	400	500	600A CB	2
VMX-H-600-CB*	590	200	200	500	600	800A CB	2
VMX-H-690-CB*	722	250	300	500	600	1200A CB	3
VMX-H-800-CB*	750	-	300	600	600	1200A CB	3
VMX-H-960-CB*	960	300	400	800	900	1200A/1600A CB	3

* Line & Control Voltage (50/60Hz)

1 = 208V, 120V Ctrl. 4 = 460V, 120V Ctrl.
2 = 230V, 120V Ctrl. 5 = 575V, 120V Ctrl.

NOTES:

- Size the Soft Starter based on the actual motor nameplate FLA.
- The units listed are rated for 500% overload capacity for 60 sec., 1.15 SF.
- The above data is based on the NEC Table 430-150, full load current for 3 phase motors.
- 500HP rating with 1.0 SF.
- Enclosed units include line + load lugs.

VMX-H DIMENSIONS

Frame Size	NEMA 4/12	Dimensions in inches (mm) H x W x D
1	Wall Mount	37" x 15" x 12" (934 x 381 x 305)
2	Wall Mount	48" x 33" x 16" (1219 x 838 x 406)
3	Floor Standing	92" x 36" x 30" (2337 x 914 x 762)

CORPORATE HEADQUARTERS

Motortronics / Phasetronics

1600 Sunshine Drive
Clearwater, Florida 33765
Tel: 727.573.1819 or 888.767.7792
Fax: 727.573.1803 or 800.548.4104
E-mail: sales@motortronics.com
www.motortronics.com

INTERNATIONAL LOCATIONS

Motortronics Int'l Korea Co Ltd

601, Daeryung Techno Tower 5-cha
Gasam-dong, Geumcheon-gu
Seoul, Korea 9153-774
Tel: 82-2-867-5808 / Fax: 82-2-867-6004
www.motortronics-korea.com



MOTORTRONICS

Solid State AC Motor Control

M & P Machinery & Electronics Control

113 Zaoshan Road
Qingdao, China 266100
Tel: 86-532-87660633
Fax: 86-532-87660733
www.mp-cn.com

PN: MT-VMXH-100313