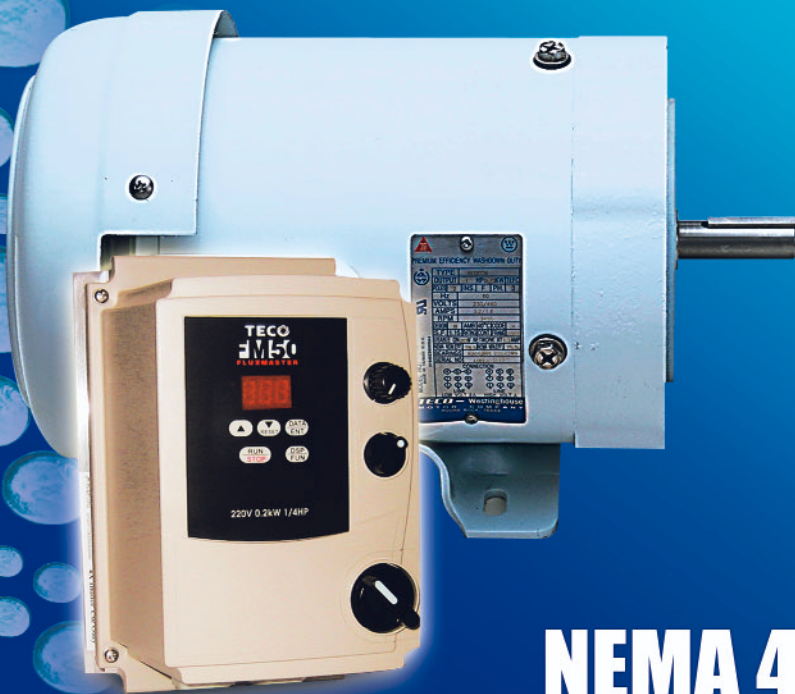


# FM50 NEMA 4X WASHDOWN DRIVES

## FEATURES

- **NEMA 4X**
- **Keypad Only**
- **Keypad with Operator Devices**
- **Constant Torque**
- **0-200Hz Output Frequency**
- **Control Mode: V/Hz**
- **Fault History**
- **Programmable Digital Inputs**
- **Programmable Digital Output**
- **Analog Output 0-10VDC**
- **Analog Input 0-10VDC, 0-20mA, 4-20mA**
- **Local/Remote Control**
- **3 Preset Speeds**
- **Torque Boost Function**
- **Carrier Frequency 16KHz**
- **DC Injection Braking**
- **UL, cUL, CE Approved**



**NEMA 4X FROM 0.25 - 3 HP!**

# FM50 PRODUCT DETAILS

## SPECIFICATIONS

<b>Control Method</b>	V/Hz
<b>Input Voltage Rating</b>	115/230 VAC 1- Phase; 230/460 VAC 3-Phase
<b>Input Voltage Fluctuation</b>	+10%, -15%
<b>Frequency Control Range</b>	0 to 200Hz
<b>Frequency Accuracy</b>	Digital :+0.1Hz, Analog: 1Hz / 60Hz
<b>Speed Commands</b>	0-10VDC, 4-20mA, 0-20mA
<b>Overload Capacity</b>	150% for 1 Minute
<b>Braking</b>	Ramp to Stop / DC Injection / Coast to Stop / DB Braking on Selected Units
<b>Protective Functions</b>	Motor Overload, Peak Overcurrent, Inverter Overload, Ground Fault, Over Temperature, Stall (Trip) Prevention
<b>Programmable I/O</b>	1 Digital Input, 1 NO Contact Output
<b>Ambient Temperature</b>	-10°C to +50°C (14°F to 122°F) (not frozen)
<b>Enclosure</b>	IP65 (NEMA 4X)

The TECO-Westinghouse FM50 AC Drive is now available in a rugged NEMA 4X enclosure! The enclosure is available in two styles – Keypad Only and Keypad with Operator Devices. Keypad only allows control via the keypad or remote control signals. Keypad with Operator Devices is designed for local control of the drive. It includes the Digital Keypad, Line Disconnect, Speed Potentiometer and Forward-Off-Reverse Switch.

<b>Input Voltage</b>	<b>Keypad Only</b>	<b>Keypad w/Operators</b>
115V 1-Phase	0.25 - 1HP	N/A
230V 1-Phase	0.25 - 1HP	0.25 - 1HP
230V 1/3Phase	2 - 3 HP	2 - 3HP
460V 3-Phase	1 - 3HP	1 - 3HP

