# MS4X-303

# Manual Motor Controllers



**UPC Code:** 07847748160

**Country of Origin**: Mexico - **Eligible for ARRA funded projects > $7,443,000*

**Brand Features**

Leviton's Industrial Grade AC Manual Motor Starter Switches provide safe, reliable control of a variety of motor loads. Typical applications include manual ON/OFF switching control of bottling lines, pumping machines, air compressors and other heavy manufacturing equipment. These motor controllers are available for both single-phase and three-phase applications. Leviton uses the finest materials available and the highest production standards to produce industrial switches of unmatched versatility and reliability.

**Item Description**

30 Amp, 600 VAC, 3-Pole, Non-Fused Manual Motor Starter, Suitable as Motor Disconnect, Type 4X Thermoplastic Enclosure, IP67-Watertight, NSF Certified

**Technical Information**

AC Horsepower Ratings

**120VAC:** 3HP

**240VAC:** 7-1/2HP

**480VAC:** 15HP

**600VAC:** 20HP

Electrical Specifications

**Grounding:** Non-Grounding

**Flammability:** Rated V-0 per UL94

**Amperage:** 30 Amp

**Operating Temperature:** -40C to 60C

**Voltage:** 600 Volt

**Pole:** 3

**Dielectric Voltage:** Withstands 2200V for 1 min.

**Overload UL20 Test:** 100 cycles of OL at 4.8 times rated current

**Temperature Rise:** 50ºC Max at full rated current

**Endurance:** 6,000 cycles inductive motor type load

**Short Circuit Rating:** 10,000 RMS symmetrical amps at 600VAC (when fuse protected)

Environmental Specifications

**Rain:** Type 3R per UL 50

**Hosedown:** Type 4X per UL 50

**Dust:** Type 12K per UL 50

Material Specifications

**Switch Mechanism Strap:** Nickel Plated Brass

**Switch Mechanism Base:** Thermoplastic Polyester

**Switch Mechanism Toggle:** Thermoplastic Polyester

**Switch Mechanism Face:** Thermoplastic Polyester

**Contacts:** Silver-Cadmium .031 Thick

**Terminal Screws:** Nickel-Plated Brass 10 -32

**Enclosure:** Thermoplastic Polyester

Mechanical Specifications

**Mold Stress Relief:** 70ºC for 7 hours

**Knockout Test:** Remains in place with 20lb push

**Crush Test:** 100 lbs

**Impact:** 1.2 lb ball dropped from 5 ft

**Termination:** Switch Mechanism Back & Side

**Terminal ID:** T1, T2, T3, L1, L2, L3 marked on back of switch mechanism

**Product ID:** Ratings are permanently marked on device

**Terminal Accom.:** #10-#8 AWG

**Torque Range:** 20 inch pounds

Standards and Certifications

**NEMA:** WD-1 & WD-6

**ANSI:** C-73

**UL 60947-4-1:** supersedes UL 508

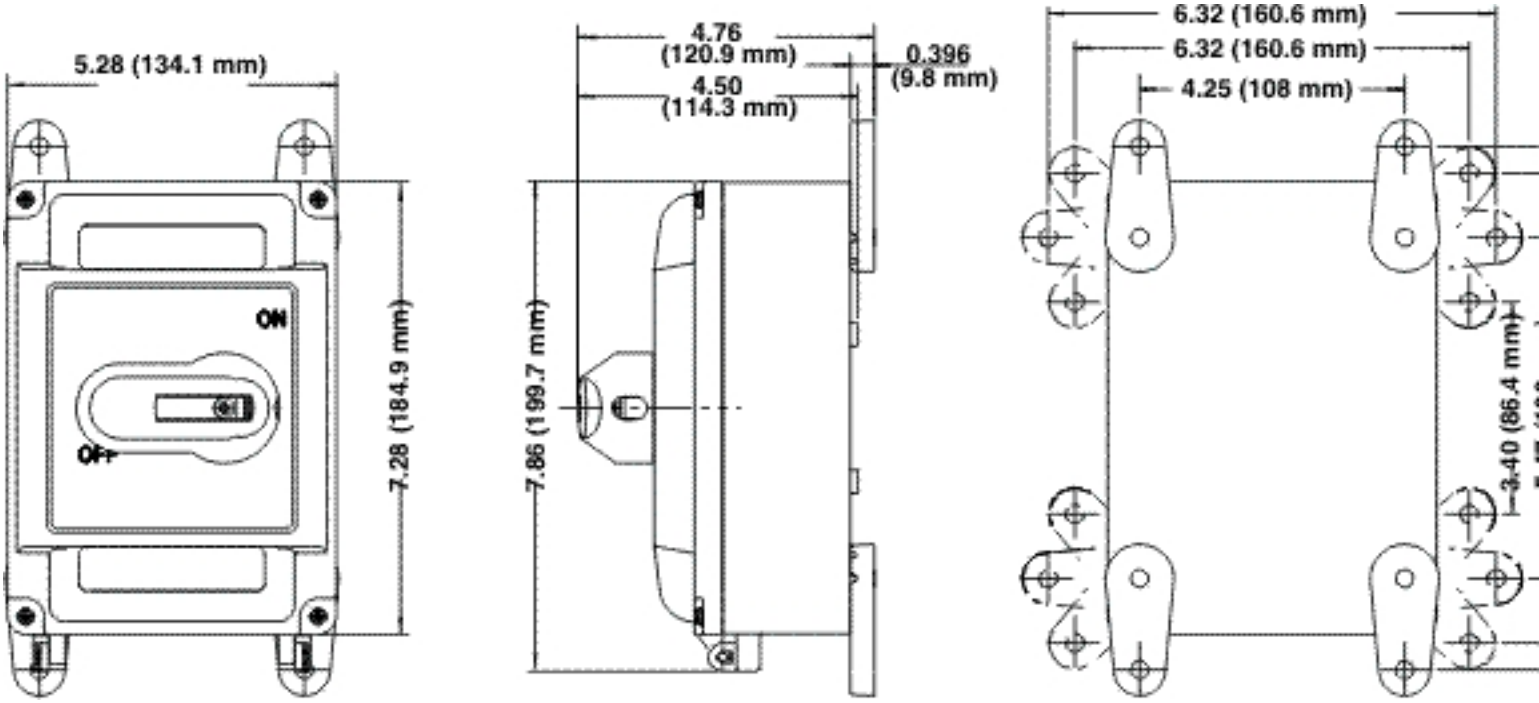
**cUL per CSA C22.2 No. 111:** File #E63969

**NOM:** NOM-ANCE

**Warranty:** 10-Year Limited

**NSF:** 14159-1 Meat & Poultry Processing Equipment

**External Handle:** Thermoplastic Polyester
**External Hardware:** Stainless Steel




SPECIFICATION SUBMITTAL

| JOB NAME: | | CATALOG NUMBERS: | |
|---|---|---|---|
| JOB NUMBER: | | | |

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