



**UPC Code:** 07847748032

**Country Of Origin:** Mexico

## MS4X-302

### Brand Features

Powerswitch® Industrial Grade AC Manual Motor Controllers provide safe, reliable control of a variety of motor loads. Typical applications include manual ON/OFF switching control of conveyor systems, pumping machines, HVAC systems, air compressors and other heavy manufacturing equipment. These motor controllers are available for both single-phase and three-phase applications.

### Item Description

30 Amp, 600 VAC, 2-Pole, Non-Fused Manual Motor Controller, Suitable as Motor Disconnect, Type 4X Thermoplastic Enclosure, IP67-Watertight, NSF Certified

### Technical Information

#### AC Horsepower Ratings

**HP Rating:** 2HP-120V 5HP-240V 10HP-480V 15HP-600V

#### Electrical Specifications

**Amperage:** 30 A

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

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

**Flammability:** Rated V-0 per UL 94

**Grounding:** Non-Grounding

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

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

**Pole:** 2

**t<sub>sa</sub> short circuit rating:** 10,000 RMS symmetrical amps at 600VAC (when fuse protected)

**Temperature Rise:** 50°C Max at full rated current

**Voltage:** 600 VAC

#### Environmental Specifications

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

**Enclosure Rating:** Type 4X

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

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

#### Material Specifications

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

**Enclosure:** Thermoplastic Polyester

**t<sub>sa</sub> external handle:** Thermoplastic Polyester

**t<sub>sa</sub> external hardware:** Stainless Steel

**t<sub>sa</sub> switch mechanism base:** Thermoplastic Polyester

**t<sub>sa</sub> switch mechanism face:** Thermoplastic Polyester

**t<sub>sa</sub> switch mechanism strap:** Nickel Plated Brass

**t<sub>sa</sub> switch mechanism toggle:** Thermoplastic Polyester

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

#### Mechanical Specifications

**Crush Test:** 100 lbs

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

**t<sub>sa</sub> knockout test:** Remains in place with 20lb push

**Mold Stress Relief:** 70°C for 7 hours

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

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

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

**Termination:** Switch Mechanism Back & Side

**Torque Range:** 20 inch pounds

#### Standards and Certifications

**ANSI:** C-73

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

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

**NOM:** NOM-ANCE

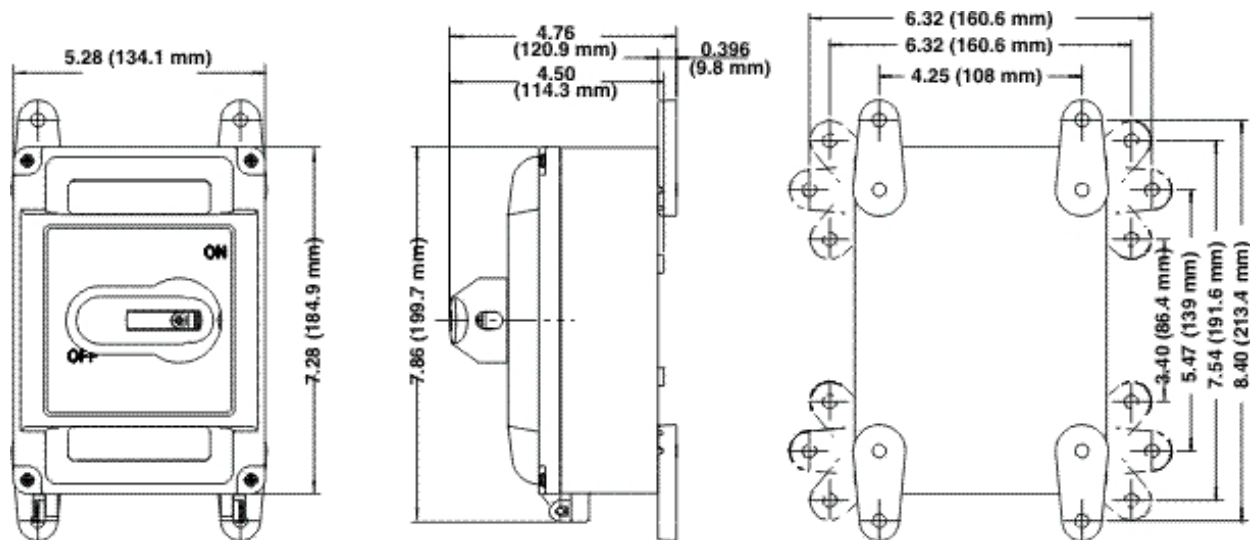
**t<sub>sa</sub> nsf:** 14159-1 Meat & Poultry Processing Equipment

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

**Warranty:** 10-Year Limited

#### Product Features

**Device Type:** Manual Motor Controller



### SPECIFICATION SUBMITTAL

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|----------------------|----------------------|----------------------|
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| JOB NUMBER:          | <input type="text"/> | <input type="text"/> |

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