

MS4X-303

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, 3-Pole, Non-Fused Manual Motor Controller, Suitable as Motor Disconnect, Type 4X Thermoplastic Enclosure, IP67-Watertight, NSF Certified



UPC Code: 07847748160

Country Of Origin: Mexico

Technical Information

AC Horsepower Ratings

tsa_120vac: 3HP

tsa_240vac: 7-1/2HP

tsa_480vac: 15HP

tsa_600vac: 20HP

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: 3

tsa_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

tsa_external_handle: Thermoplastic Polyester

tsa_external_hardware: Stainless Steel

tsa_switch_mechanism_base: Thermoplastic Polyester

tsa_switch_mechanism_face: Thermoplastic Polyester

tsa_switch_mechanism_strap: Nickel Plated Brass

tsa_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

tsa_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, T3, L1, L2, L3 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

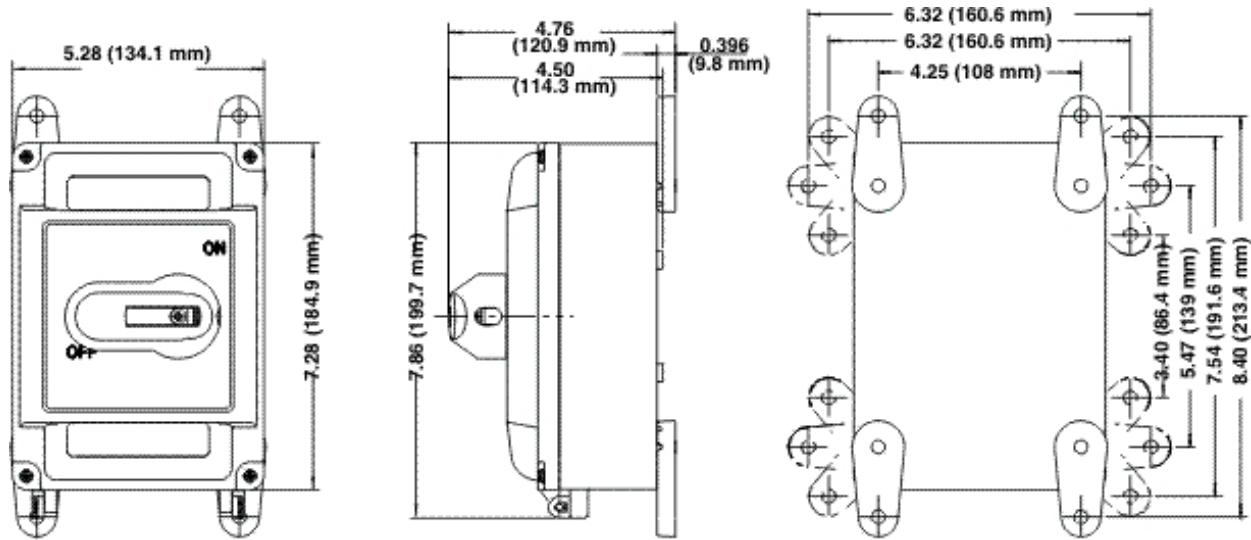
tsa_nsf: 14159-1 Meat & Poultry Processing Equipment

UL 60947-4-1: supersedes UL 508

Warranty: 10-Year Limited

Product Features

Device Type: Manual Motor Controller



SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747

Teléfono: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday): +1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-469-7890 ·

FAX: +1-800-824-3005 · www.leviton.com/canada

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)5386-

1797 · www.leviton.com.mx

Visit our Website at: www.leviton.com

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