

# MS302-DSS

Manual Motor Controller

30 Amp, 600 Volt, 2-Pole, Single-Phase Single Throw AC Manual Motor Controller, Suitable as Motor Disconnect, Short Toggle, Industrial Grade, Non-Grounding, Back & Side Wiring, - Black

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.



**UPC Code :** 078477374146

**Country Of Origin :** Mexico

**RoHS Compliant :** Yes

## Technical Information

### AC Horsepower Ratings

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

### Electrical Specifications

**Amperage :** 30 A

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

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

**Grounding :** Non-Grounding

**Overload UL20 Test :** 50 cycles of overload at 6 times rated current

**Pole :** 2

**Short Circuit Current Rating :** 10,000 RMS symmetrical amps at 600 VAC max when protected by a 30A time delay fuse

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

**Voltage :** 600 VAC

### Environmental Specifications

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

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

### Material Specifications

**Base Material :** Thermoplastic Polyester

**Contacts :** Silver-Alloy

**Cover Material :** Thermoplastic Polyester

**Strap Material :** Nickel-Plated Brass

**Terminal Screws :** Nickel-Plated Brass 10-32, Triple Combination

**Toggle :** Thermoplastic Polyester

### Mechanical Specifications

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

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

**Terminal ID :** T1, T2, L1, & L2 marked on back of device

**Termination :** Back & Side

**Torque Range :** 20 inch pounds maximum

### Product Features

**Color :** Black

**Device Type :** Toggle Switch

### Standards and Certifications

**ANSI :** C-73

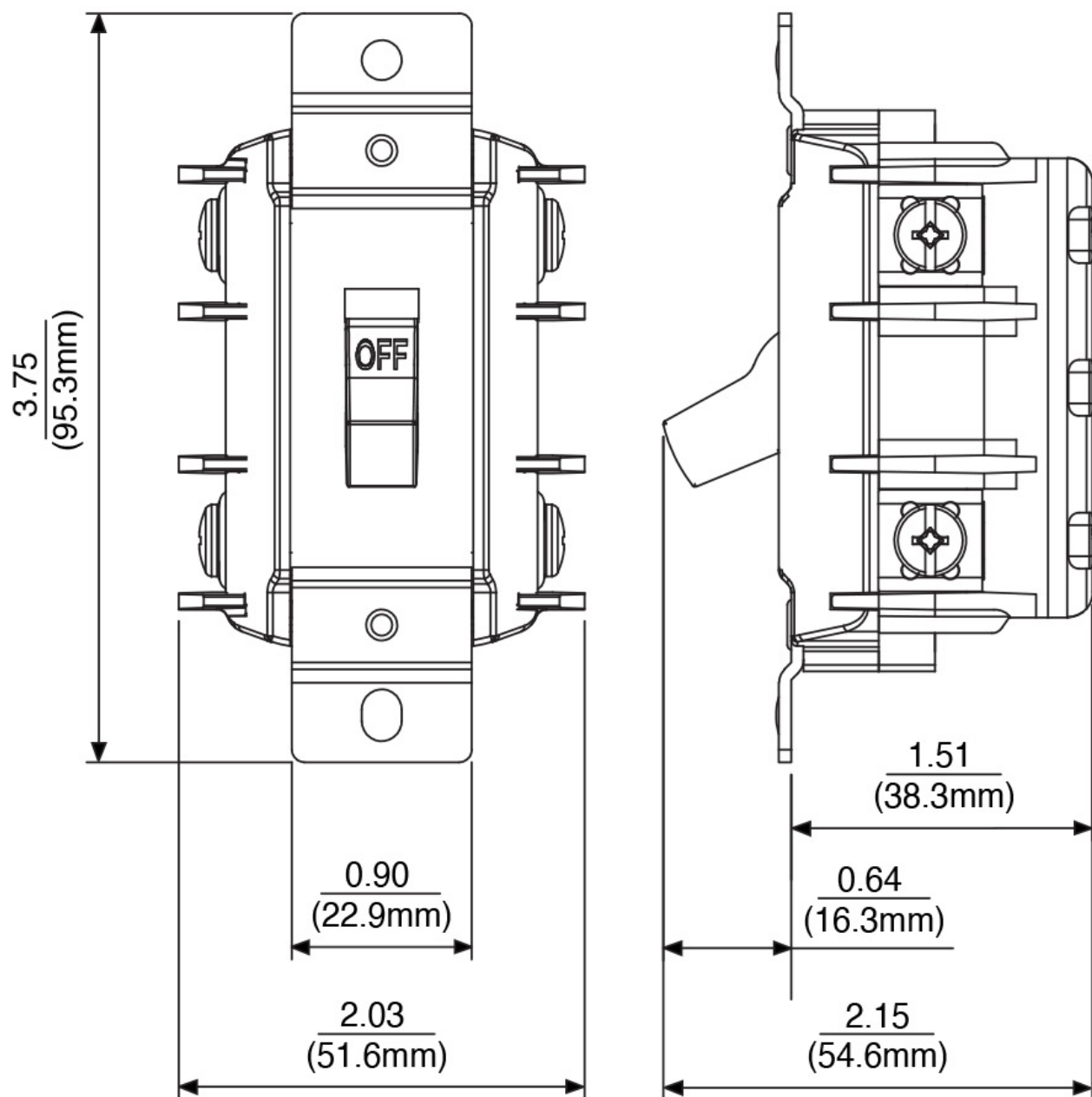
**NEMA :** WD-1 & WD-6

**NOM :** NOM-ANCE

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

**Warranty :** 10-Year Limited

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

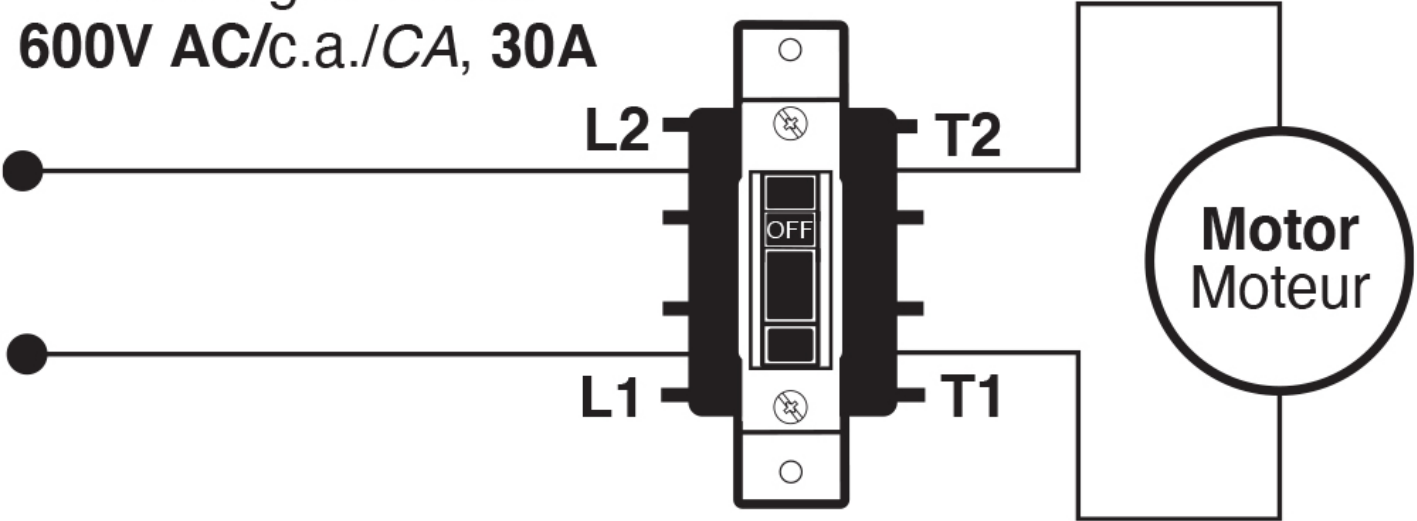


MS302-DSS Shown (Dimensions same for MS303-DSS)

# Wiring Diagram

## 2-Pole

Line/Ligne/Línea  
600V AC/c.a./CA, 30A



### SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
<input type="text"/>	<input type="text"/>	<input type="text"/>
JOB NUMBER:	<input type="text"/>	<input type="text"/>

**Leviton Manufacturing Co., Inc.**

201 North Service Road, Melville, NY 11747

Telephone: +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](http://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](http://www.leviton.com.mx)

**Visit our Website at: [www.leviton.com](http://www.leviton.com)**

© 2021 Leviton Manufacturing Co., Inc. All Rights Reserved. Subject to change without notice.

**Leviton has a global presence.**

If you would like to know where your local Leviton office is located please go to:

[www.leviton.com/international/contacts/](http://www.leviton.com/international/contacts/)

