



**UPC Code:** 078477740408

**Country Of Origin:** Mexico

## MDS1-AX

100 Amp Non-Fused PowerSwitch Stainless Steel Disconnect Switch, 600 Volt, Type 304 Non-Magnetic Stainless Steel Enclosure

### Technical Information

#### Standards and Certifications

**CE:** CE Marked - Low Voltage Directive (LVD) 2014/35/EU

**IEC:** 60529

**ISO:** 20653

**Ingress Protection:** NEMA /UL 50E Type 3R, 4X, 12, 13 • IP66, IP67, and IP68 • IP69K (per ISO 20653)

**NEMA:** 250

**NOM:** NOM-ANCE

**NSF:** 14159-1 Hygienic Requirement for the Design of Meat & Poultry Processing Equipment

**cULus:** Listed to UL 60947-4-1 (supersedes UL 508), UL 98 and CSA-C22.2 no. 60947-4-1

#### Electrical Specifications

**Amperage:** 100 A

**Current Interrupting:** Certified for full-rated current and voltage

**Dielectric Voltage:** 1000 V plus twice rated voltage for 1 minute

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

**Short Circuit Current Rating:** 65KA

**Voltage:** 600 VAC

#### Environmental Specifications

**Operating Temperature:** -40°C to 75°C

**UV Resistance:** Exposed materials are UV stabilized

#### Material Specifications

**Enclosure Material:** 16 Gauge Type 304 Stainless Steel

**Enclosure Screws:** Stainless Steel

**Gasket:** Polyurethane Formed-In-Place-Foam Gasket (FIPFG), UL 50E Approved

**Handle Material:** Base: PBT Overmold: TPE

**Mounting Feet:** 14 Gauge Type 304 Stainless Steel

#### Mechanical Specifications

**Product ID:** Part of internal and external label

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

**Terminal ID:** In accordance with UL and international conventions

#### Warranty

**Warranty:** 3 Year Limited Warranty

### SPECIFICATION SUBMITTAL

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|----------------------|----------------------|----------------------|
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