

powerswitch®

Stainless Steel Disconnect Switches

30/32 A, 60 A, 80 A, 100 A Non-Fused

Durable Construction.

- Overmold handle provides firm grip in wet environments
- Type 304 stainless steel resists corrosion, heat and abuse

Easy Installation.

- Removable door makes installation and servicing simple and quick

Sanitary Design.

- 3/4" standoff from mounting surface allows for easy cleaning
- NSF Certified and IP69K rated:



Designed to meet hygiene requirements in food processing



HI-TEMP • HI-PRESSURE
IP69K
WASHDOWN

Protects against the most extreme washdown procedures



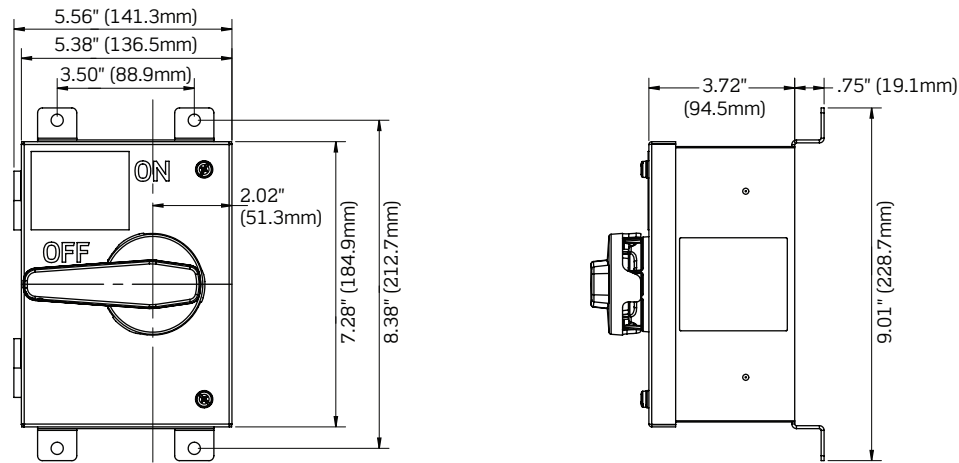
Specifications

Catalog Number		MDS3-AX & MDS3-AC	MDS6-AX & MDS6-AC	MDS8-AX & MDS8-AC	MDS1-AX & MDS1-AC
Electrical Specifications					
Amperage		30A/32 A	60 A	80 A	100 A
Max. Operating Voltage		600 V	600 V	600 V	600 V
Max. Horsepower Rating	SINGLE PHASE	120 VAC; 2 hp	120 VAC; 2 hp	120 VAC; 2 hp	120 VAC; 7.5 hp
		208 to 240 VAC; 5 hp	208 to 240 VAC; 10 hp	208 to 240 VAC; 10 hp	220 to 240 V AC; 20 hp
		480 VAC; 5 hp	480 VAC; 20 hp	480 VAC; 20 hp	277 V; 25 hp
		600 VAC; 5 hp	600 VAC; 20 hp	600 VAC; 20 hp	440 to 480 VAC; 30 hp
	THREE PHASE	—	—	—	550 to 600 VAC; 30 hp
		208 to 240 VAC; 10 hp	208 to 240 VAC; 20 hp	208 to 240 VAC; 20 hp	110 to 120 VAC; 15 hp
		480 VAC; 20 hp	480 VAC; 40 hp	480 VAC; 40 hp	220 to 240 VAC; 40 hp
		600 VAC; 25 hp	600 VAC; 40 hp	600 VAC; 40 hp	440 to 480 VAC; 60 hp
		—	—	—	550 to 600 VAC; 50 hp
Current Interrupting		Certified for full-rated current and voltage			
Dielectric Voltage		1,000 V plus twice rated voltage for 1 minute			
Minimum Electrical Endurance		6,000 operation cycles at rated current and voltage			
Mechanical Endurance		20,000 Operations (10,000 Operation Cycles)			
Short Circuit Current Rating (SCCR)		Suitable for use on a circuit capable of delivering not more than 10 kA RMS symmetrical amperes, 600 VAC max., when protected by 60 A, class J fuses	Suitable for use on a circuit capable of delivering not more than 100 kA RMS symmetrical amperes, 600 VAC max., when protected by 100 A, class J or T fuses	Suitable for use on a circuit capable of delivering not more than 100 kA RMS symmetrical amperes, 600 VAC max., when protected by 100 A, class J or T fuses	Suitable for use on a circuit capable of delivering not more than 65 kA RMS symmetrical amperes, 600 VAC max., when protected by 100 A, class J fuses
Environmental Specifications					
Operating Temperature*		-40°C to 75°C			
UV Resistance		Exposed materials are UV stabilized			
Water/Moisture Resistance		NEMA /UL 50E Type 3R, 4X, 12, 13 • IP66, IP67, and IP68 • IP69K (per ISO 20653)			
Material Specifications					
Enclosure		16 Gauge Type 304 Stainless Steel			
Handle		Base: PBT • Overmold: TPE			
Enclosure Screws		Stainless Steel			
Enclosure Gasket		Polyurethane Formed-In-Place-Foam Gasket (FIPFG), UL 50E Approved			
Mounting Feet		14 Gauge Type 304 Stainless Steel			
Mechanical Specifications					
Terminal Identification		In accordance with UL and international conventions			
Product Identification		Identification and ratings are a part of internal and external label			
Terminal Accommodation		#14 - #8 AWG	#14 - #4 AWG	#14 - #4 AWG	#8 - #1/0 AWG
Standards & Certifications					
NSF		14159-1 Hygienic Requirement for th e Design of Meat & Poultry Processing Equipment			
NEMA		NEMA 250			
UL		cULus Listed to UL 60947-4-1 (supersedes UL 508) and CSA-C22.2 No. 60947-4-1	cULus Listed to UL 60947-4-1 (supersedes UL 508) and CSA-C22.2 No. 60947-4-1	cULus Listed to UL 60947-4-1 (supersedes UL 508) and CSA-C22.2 No. 60947-4-1	cULus Listed to UL 60947-4-1 (supersedes UL 508), UL 98 and CSA-C22.2 No. 60947-4-1
NOM		NOM-ANCE Certified			
IEC		IEC 60529			
ISO		ISO 20653			
CE		CE Marked – Low Voltage Directive (LVD) 2014/35/EU			
Warranty					
Product Warranty		3 Year Limited Warranty			

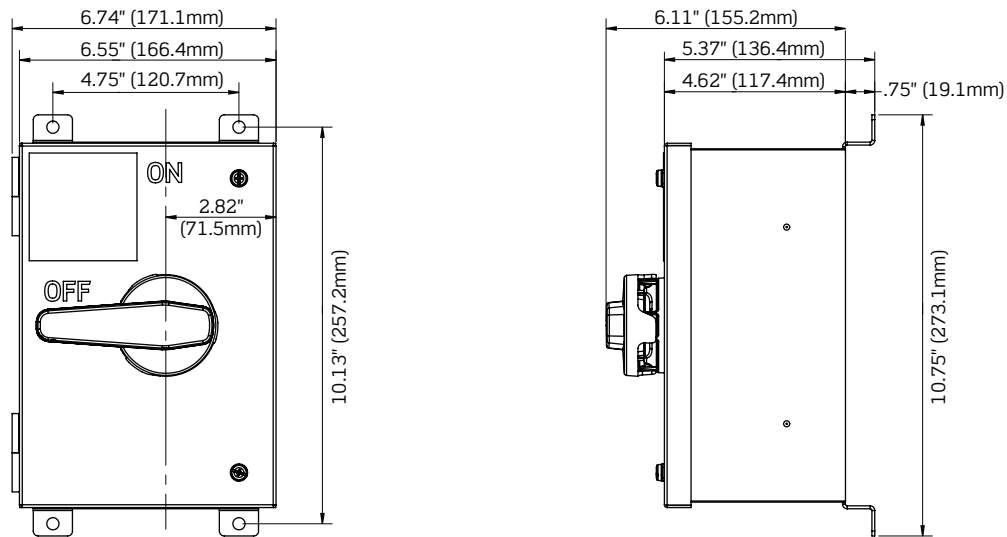
* Derating may apply

Dimensions

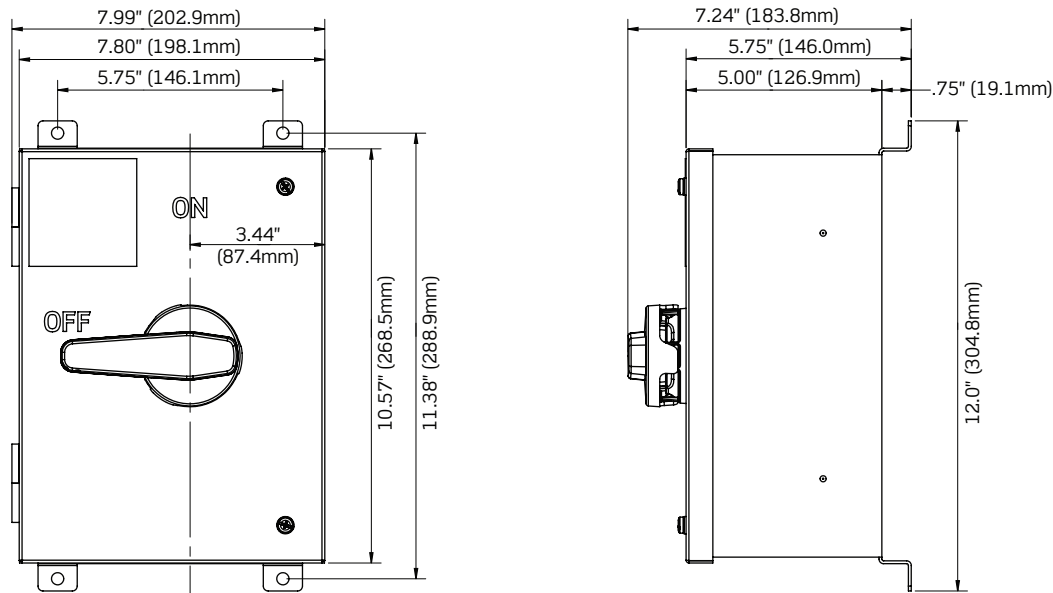
MDS3-AX & MDS3-AC



MDS6-AX, MDS6-AC, MDS8-AX & MDS8-AC



MDS1-AX & MDS1-AC



powerswitch®

Non-Fused Disconnect Switches in Stainless Steel Enclosures

Additional Features

- Watertight, submersible and dust-tight enclosures rated to IP66, IP67, IP68, IP69K, and UL 50E Type 3R, 4X, 12 and 13
- ON/OFF marking stamped into enclosure door for clear identification
- Door features captive, triple-head screws
- Soft grip handle accommodates three padlocks to meet OSHA 1910.147 lockout/tagout requirements



Ordering Information

Disconnect Switches in Stainless Steel Enclosures	Catalog Number	Disconnect Switches in Stainless Steel Enclosures	Catalog Number
30/32 A	MDS3-AX	80 A	MDS8-AX
30/32 A with Auxiliary Contact	MDS3-AC	80 A with Auxiliary Contact	MDS8-AC
60 A	MDS6-AX	100 A	MDS1-AX
60 A with Auxiliary Contact	MDS6-AC	100 A with Auxiliary Contact	MDS1-AC

Accessories

Description	Catalog Number	Description	Catalog Number
Non-Fused Auxiliary Contact, Normally Closed, 30/60/80 A	AUXNC-NF	Watertight Conduit Hub, Die-Cast Zinc, ¾"	HUB-34
Non-Fused Auxiliary Contact, Early Break, 100 A	AUXNO-NF1	Watertight Conduit Hub, Die-Cast Zinc, 1"	HUB-100
Auxiliary Contact, Normally Open, 30/60/80 A	AUXNO	Watertight Conduit Hub, Die-Cast Zinc, 1 ¼"	HUB-114
30 A Replacement Non-Fused Switch	30ASW	Watertight Conduit Hub, Die-Cast Zinc, 1 ½"	HUB-112
60/80 A Replacement Non-Fused Switch	6080A-NF	Watertight Conduit Hub, Die-Cast Zinc, 2"	HUB-200
100 A Replacement Non-Fused Switch	100SW-NF	Watertight Conduit Hub, Stainless Steel, ¾"	SSHUB
		Replacement Overmold Handle	HNDLE

Visit our Website at:
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