LEVITON®

powerswitch®

Stainless Steel Disconnect Switches

30/32A, 60A, 80A, 100A 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:

NSF Designed to meet hygiene requirements in food processing

HI-TEMP • HI-PRESSURE IP69K WASHDOWN

Protects against the most extreme washdown procedures



leviton.com/disconnects

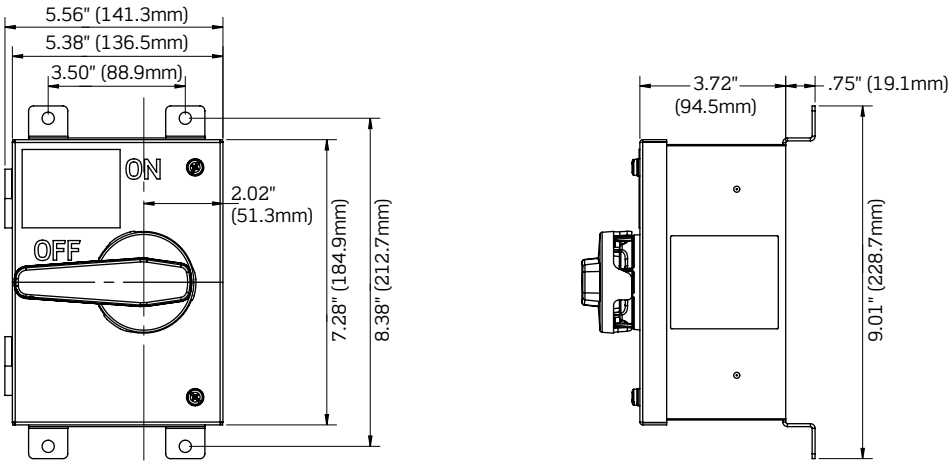
Specifications

Catalog Number		MDS3-AX	MDS6-AX	MDS8-AX	MDS1-AX
Electrical Specifications					
Amperage		30A/32A	60A	80A	100A
Max. Operating Voltage		600V	600V	600V	600V
Max. Horsepower Rating	SINGLE PHASE	120 V AC; 2 HP	120 V AC; 2 HP	120 V AC; 2 HP	120 V AC; 7.5 HP
		208 to 240 V AC; 5 HP	208 to 240 V AC; 10 HP	208 to 240 V AC; 10 HP	220 to 240 V AC; 20 HP
		480 V AC; 5 HP	480 V AC; 20 HP	480 V AC; 20 HP	277 V; 25 HP
		600 V AC; 5 HP	600 V AC; 20 HP	600 V AC; 20 HP	440 to 480 V AC; 30 HP
		—	—	—	550 to 600 V AC; 30 HP
	THREE PHASE	208 to 240 V AC; 10 HP	208 to 240 V AC; 20 HP	208 to 240 V AC; 20 HP	110 to 120 V AC; 15 HP
		480 V AC; 20 HP	480 V AC; 40 HP	480 V AC; 40 HP	220 to 240 V AC; 40 HP
		600 V AC; 25 HP	600 V AC; 40 HP	600 V AC; 40 HP	440 to 480 V AC; 60 HP
		—	—	—	550 to 600 V AC; 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, 600VAC max., when protected by 60A, class J fuses	Suitable for use on a circuit capable of delivering not more than 100 kA RMS symmetrical amperes, 600VAC max., when protected by 100A, class J or T fuses	Suitable for use on a circuit capable of delivering not more than 100 kA RMS symmetrical amperes, 600VAC max., when protected by 100A, class J or T fuses	Suitable for use on a circuit capable of delivering not more than 65kA RMS symmetrical amperes, 600VAC max., when protected by 100A, 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 Hygenic 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			

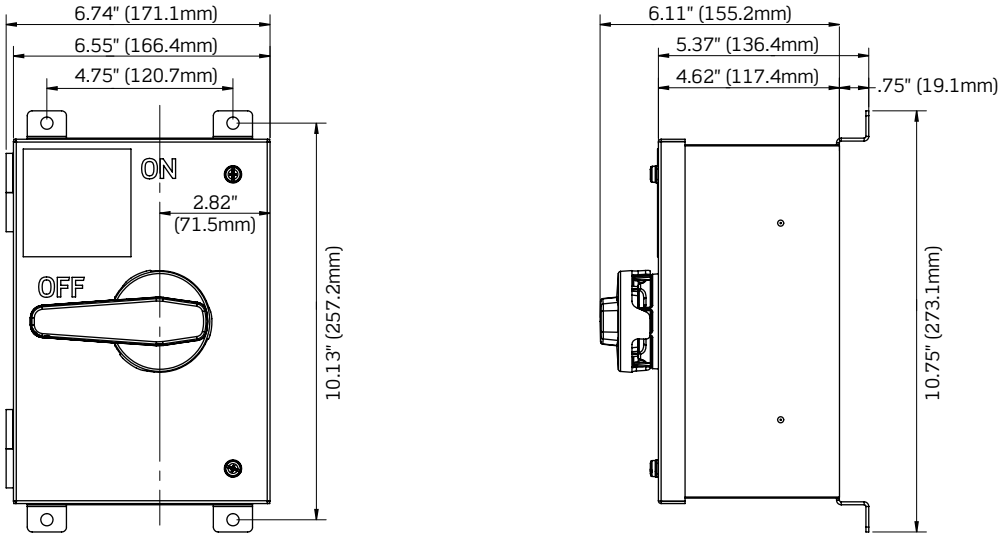
* Derating may apply

Dimensions

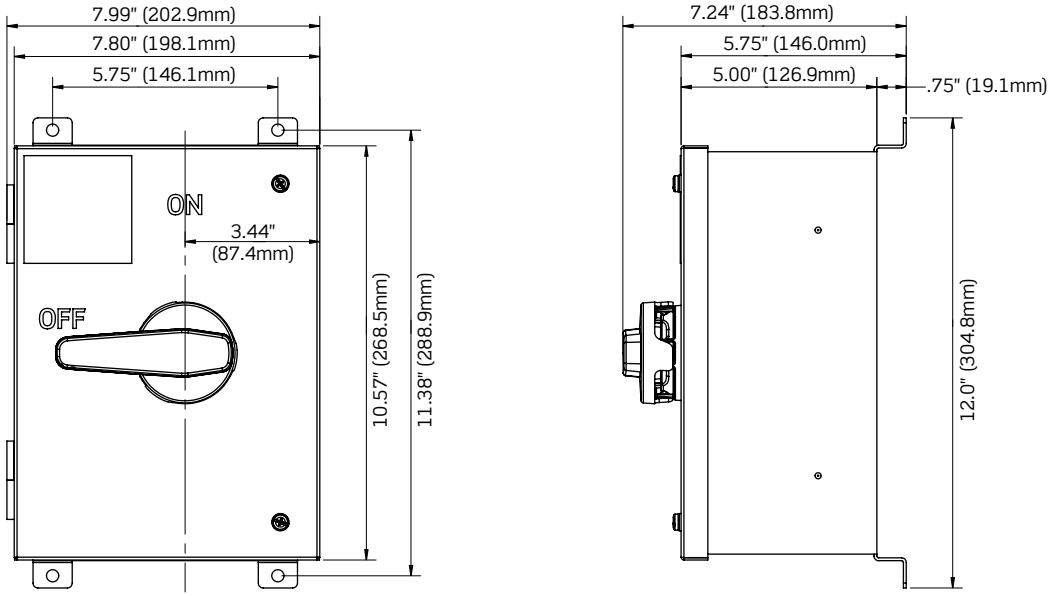
MDS3-AX



MDS6-AX & MDS8-AX



MDS1-AX



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

NSF · HI-TEMP • HI-PRESSURE IP69K WASHDOWN · c UL us LISTED



Ordering Information

Switch Amperage	Catalog Number
30/32A	MDS3-AX
60A	MDS6-AX
80A	MDS8-AX
100A	MDS1-AX

Accessories	Catalog Number
Auxiliary Contact, Normally Closed, 30/60/80A	AUXNC-NF
Auxiliary Contact, Normally Open, 30/60/80A	AUXNO
Replacement Overmold Handle	HNDLE
Replacement Solid PBT Handle	HNDLE-ALT
30A Replacement Non-Fused Switch	30ASW-NF
60/80A Repacement Non-Fused Switch	6080A-NF
30A Replacement Door, Handle Included	DOOR3
60A Replacement Door, Handle Included	DOOR6
80A Replacement Door, Handle Included	DOOR8
100A Replacement Door, Handle Included	DOOR1
Breather Drain/Drain Plug, IP67/NEMA 4X	DNPLG
Watertight Conduit Hub, 3/4", Stainless Steel	SSHUB

Available upon request:
100A Auxilary Contacts
100A Replacement Non-Fused Switch

Visit our Website at:
www.leviton.com/disconnects
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Q-1048A

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