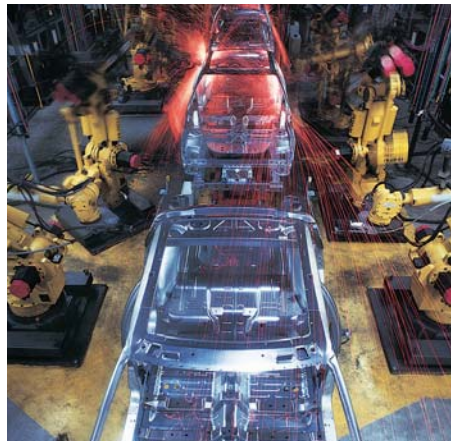


# powerswitch® Industrial Switches & Motor Controls





# INDUSTRIAL SWITCHES & MOTOR CONTROLS





# powerswitch®

## Industrial Switches & Motor Controls

Designed for the most extreme environments, we know how important it is to ensure safe and reliable electrical performance that will decrease downtime, while providing protection from washdown and corrosion to keep your facility running smoothly.



**PERFORMANCE MATTERS.**

# powerswitch®

## Safety Disconnect Switches



Powerswitch® safety disconnect switches are designed for superior performance in food and beverage processing, manufacturing, marinas and shipyards, and OEM applications. Built to withstand the rigors of these harsh environments, these devices address the needs of safety, washdown, reduced downtime and code compliance, and are backed by a leading 3 year warranty.

## Stainless Steel Disconnect Switches

### 30A, 60A, 80A, 100A, Non-Fused

#### Features:

- Type 304 stainless steel resists heat, corrosion and abuse
- Watertight, dust-tight, submersible and suitable for high pressure, high temperature washdown
  - IP66, IP67, IP68 and IP69K
  - UL 50E Type 3R, 4X, 12, 13
- Overmold handle provides firm grip, durability and withstands washdown
- Handle accommodates 3 padlocks for OSHA compliant lockout/tagout
- Removable cover door makes installation and servicing simple and quick
- NSF Certified for hygiene requirements in food & beverage processing
- ¾" standoff from mounting surface allows for easy cleaning



Amp	Cat No	Description	AC Horsepower Rating (hp)						
			Single Phase				Three Phase		
			120VAC	208 to 240VAC	480VAC	600VAC	208 to 240VAC	480VAC	600VAC
30A	MDS3-AX	Non-Fused	2	5	5	5	10	20	25
60A	MDS6-AX	Non-Fused	2	10	20	20	20	40	40
80A	MDS8-AX	Non-Fused	2	10	20	20	20	40	40

Amp	Cat No	Description	AC Horsepower Rating (hp)									
			Single Phase					Three Phase				
			120VAC	220 to 240VAC	277V	440 to 480VAC	550 to 600VAC	110 to 120VAC	220 to 240VAC	240VAC	440 to 480VAC	550 to 600VAC
100A	MDS1-AX	Non-Fused	7.5	20	25	30	30	15	40	30	60	50

Leviton safety disconnect switches are certified to NSF International hygiene requirements for food & beverage processing to help ensure public health and safety. Manufacturers, regulators and consumers look to NSF International for the development of public health standards and certification programs that help protect the world's food, water, consumer products and environment.



## Non-Metallic Disconnect Switches

### 30A, 60A, 100A, Fused & Non-Fused

#### Features:

- PBT enclosure resists impact, abuse and corrosion
- Watertight, dust-tight, submersible and suitable for high pressure, high temperature washdown
  - IP66, IP67, IP68, IP69 and IP69K
  - UL 50E Type 3R, 4, 4X, 6P, 12, 13
- Overmold handle provides firm grip, durability and withstands washdown
- Handle accommodates 3 padlocks for OSHA compliant lockout/tagout
- 200kA SCCR when protected by Type J Fuse
- NSF Certified for hygiene requirements in food & beverage processing
- Operating temperature ranges from -40 °C to 75 °C
- Captive, triple head cover screws constructed of stainless steel



Amp	Cat No	Description	AC Horsepower Rating (hp)						
			Single Phase				Three Phase		
			110VAC	208 to 240VAC	480 VAC	600VAC	208 to 240VAC	480VAC	600VAC
30A	LDS30-AX	Non-Fused	2	5	5	5	10	20	25
	LDS30-FAX	Fused	2	3	3	3	7.5	15	20
60A	LDS60-AX	Non-Fused	2	10	10	10	20	40	40
	LDS60-FAX	Fused	2	7.5	7.5	7.5	15	30	50
100A	LDS10-AX	Non-Fused	7.5	20	30	30	40	60	50
	LDS10-FAX	Fused	5	15	15	15	30	60	75

# powerswitch®

## Manual Motor Controllers

Powerswitch® industrial grade AC Manual Motor Controllers provide safe, reliable control of a variety of motor loads. Suitable for use as motor disconnect\*, these switches are available for both single-phase and three-phase applications, with a continuous current rating at voltages up to 600 V AC and maximum horsepower ratings of 30 hp. Metallic and non-metallic enclosures are available, including NEMA Type 1, Type 3R, and Type 4X, to suit a wide variety of applications.

\* 30A & 40A only

### Component Switches

30A, 40A, 60A



Switch Type	Rating	Poles	AC Horsepower Rating (hp)				Toggle Type	Wiring	Cat No
			120V	240V	480V	600V			
Manual Motor Controller Suitable as Motor Disconnect	30A	2-Pole (1Ø)	2	5	10	15	Standard	Back/Side	MS302-DS
							Short	Back/Side	MS302-DSS
		3-Pole (3Ø)	3	7½	15	20	Standard	Back/Side	MS303-DS
							Short	Back/Side	MS303-DSS
	40A	2-Pole (1Ø)	2	5	10	15	Standard	Back/Side	MS402-DS
		3-Pole (3Ø)	3	7½	15	20	Standard	Back/Side	MS403-DS
Manual Motor Controller	60A	2-Pole (1Ø)	—	10	15	20	Standard	Back	MS602-BW
							Standard	Front	MS602-FW
		3-Pole (3Ø)	—	10	25	30	Standard	Back	MS603-BW
							Standard	Front	MS603-FW



## Features:

- All molded parts are thermoplastic to resist impact, chemicals, temperature, tracking and arcing
- Cam-driven mechanism enhances fast-make/slow-break
- Listed to UL 60947-4-1 (formerly UL 508)
- Silver-alloy contacts for maximum conductivity and service life
- 30A and 40A switches feature external clamps for back and side wiring; 60A switches available in front-wire or back-wire versions
- Insulating barrier between terminals provide isolation between phases
- Nickel-plated brass mounting strap, terminal screw and external clamps for superior strength and corrosion resistance
- Oversized toggle provides positive actuation, even with gloved hand
- Short toggle versions (DSS) available in 30A and 40A for when shorter depth is required
- Backed by a Limited Ten-Year Warranty

## Enclosed Switches

30A, 40A, 60A



Switch Type	Rating	Poles	AC Horsepower Rating (hp)				Toggle Type	Enclosure	Cat No
			120V	240V	480V	600V			
Manual Motor Controller Suitable as Motor Disconnect	30A	2-Pole (1Ø)	2	5	10	15	Standard	Type 1 Metal	N1302-DS
							Pistol Grip	Type 3R Metal	N3302-DS
							Pistol Grip	Type 4X Non-Metallic	MS4X-302*
		3-Pole (3Ø)	3	7½	15	20	Standard	Type 1 Metal	N1303-DS
							Standard	Type 1 Non-Metallic	N1303-TDS
							Pistol Grip	Type 3R Metal	N3303-DS
	40A	2-Pole (1Ø)	2	5	10	15	Pistol Grip	Type 4X Non-Metallic	MS4X-303*
							Pistol Grip	Type 4X Non-Metallic	MS4X-402*
60A	2-Pole (1Ø)	—	10	15	20	Pistol Grip	Type 3R Metal	N3602	
						3-Pole (3Ø)	—	10	25



† MS4X Series Disconnects are NSF Certified

## Backed by the Best

Industry leading  
warranties mean  
reliability you can trust



## Why Leviton?

More than 110 years of  
electrical experience  
Superior customer  
services and commitment  
to quality

## Safety at the Forefront

Products designed  
with OSHA compliant  
features and the highest  
environmental ratings  
for protection in any  
application



## Standards Compliance

UL Listed, CE, CSA and  
NOM Certified products  
assure agency approval



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