Product Bulletin for
30Amp Mechanically Interlocked
Disconnect Switch with Receptacle

PowerSwitch™ MIDSR-23 30Amp, 600VAC Mechanically Interlocked Disconnect Switch with Receptacle

Watertight for Outdoor and Indoor Applications

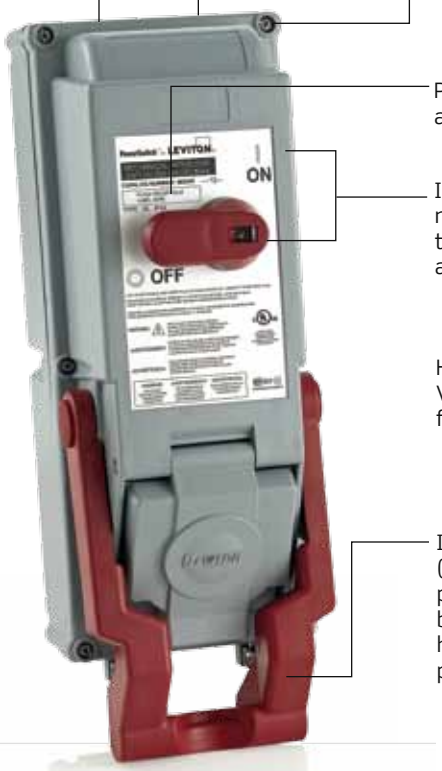


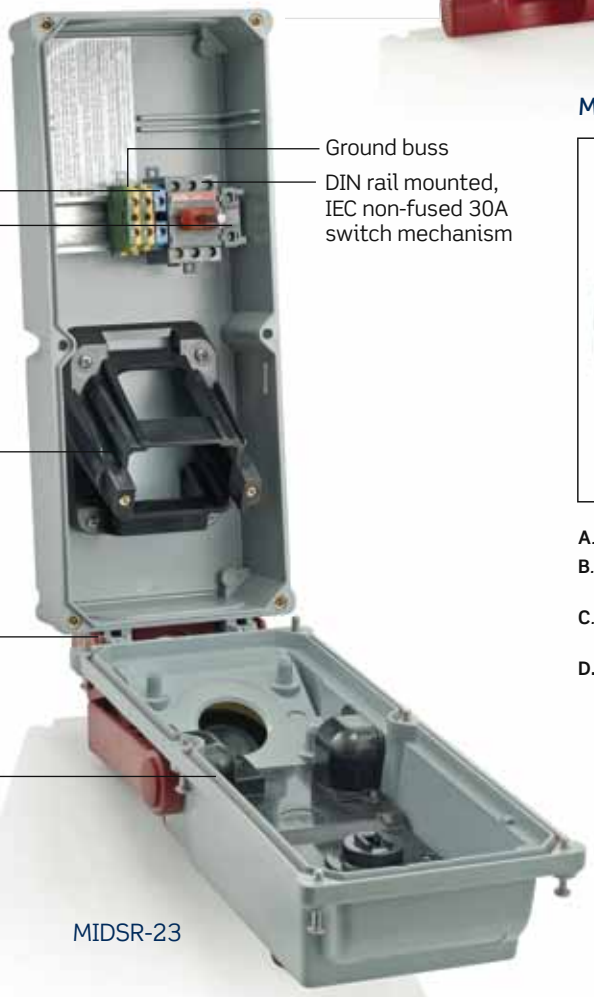


Leviton is pleased to announce the expansion of our line of PowerSwitch™ mechanical interlock devices with the addition of the MIDSR-23 Mechanically Interlocked Disconnect Switch with Integrated Receptacle. Leviton's MIDSR-23 can be used with any 20A or 30A NEMA locking single receptacle. It meets the requirements for outdoor/indoor applications conforming to UL Standard 50, NEMA environmental ratings of 4X and 12K and is rated IP66 when used in conjunction with Leviton Wetguard™ plugs.

MIDSR-23 Features

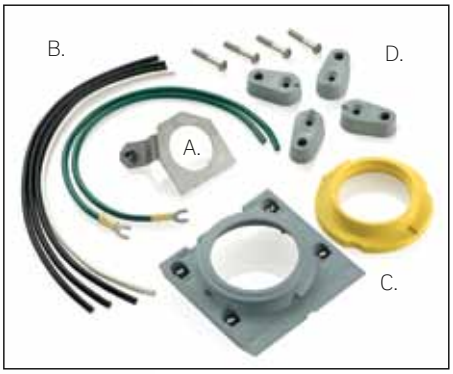
- Meets the requirements of Outdoor/Indoor installations, conforming to IP 66, UL Standard 50, and NEMA Environmental Ratings of 4X, 12K, **only** when used in conjunction with Leviton Wetguard™ plugs.
- Meets the requirements of Outdoor/Indoor installations conforming to IP 54 and NEMA 3R with cover closed, while not in use.
- For use with 20A - 30A NEMA locking plugs up to 600V.
- Provides ON-OFF switched control for a connected load.
- This enclosure provides lockout capability in compliance with OSHA Lockout/Tagout Regulation 29 CFR Part 1910.147 (in the OFF position) with an acceptable padlock/shackle, thereby assuring the connected equipment cannot be energized.
- Auxiliary contact open prior to the line contacts for pilot duty switching.





MIDSR-23

MIDSR-23 Accessories (included)



A. *1-green wire and ground bracket*

B. *5 pieces of wire accommodating all receptacle to switch connections (1-white, 1-green, 3-black)*

C. *Wetguard® seal package for use with corrosion resistant receptacles and Wetguard plugs*

D. *Mounting feet*

10 YEAR LIMITED WARRANTY

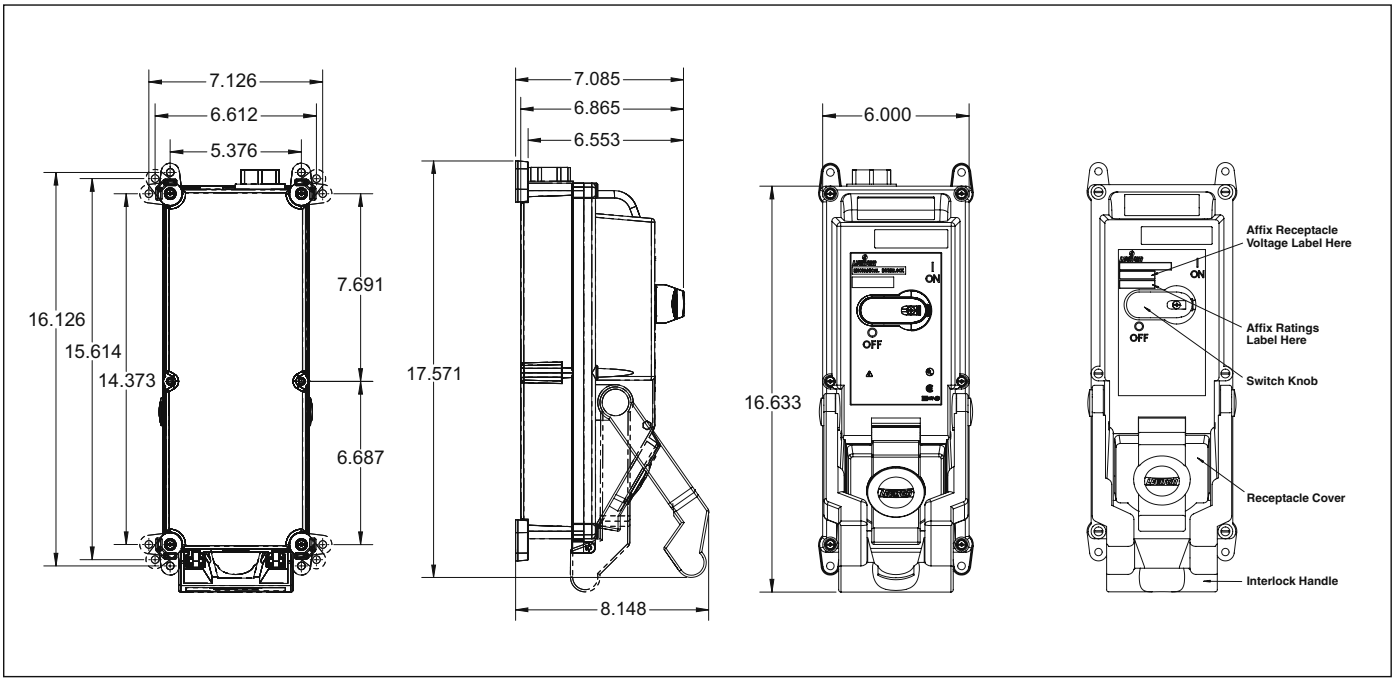
Ordering Information

The list of companion receptacles for use with MIDSR-23, along with mating plug information, is shown below.

Note: For an environmental rating of IP66, UL Standard 50, and NEMA environmental ratings of 4X and 12K, a Leviton WETGUARD™ mating locking plug must be used.

Ratings								
Amps	Wiring	Voltage, AC	NEMA CONFIG	HP Rating	Receptacle		Plug	
					Type	Cat. No.	Type	Cat. No.
20	2P, 3W	125	L5-20	1	V0 Max Std	2310	Power Indicator	2311-PLC
					V0 Max CR	23CM10	Wetguard	26W47
		250	L6-20	2	V0 Max Std	2320	Power Indicator	2321-PLC
					V0 Max CR	23CM20	Wetguard	26W48
		277	L7-20	2	V0 Max Std	2330	Power Indicator	2331-PLC
					V0 Max CR	23CM30	Wetguard	26W49
		480	L8-20	3	V0 Max Std	2340	Black&White	2341
		600	L9-20	NA	V0 Max Std	2350	Black&White	2351
	3P, 4W	125/250	L14-20	2 L-L 1 L-N	V0 Max Std	2410	Black&White	2411
					V0 Max CR	24CM10	Wetguard	26W74
		3Ø250	L15-20	3	V0 Max Std	2420	Black&White	2421
					V0 Max CR	24CM20	Wetguard	26W75
		3Ø480	L16-20	5	V0 Max Std	2430	Black&White	2431
					V0 Max CR	24CM30	Wetguard	26W76
	4P, 5W	3Ø Wye 120/208	L21-20	2	V0 Max Std	2510	Black&White	2511
					V0 Max Std	2510	Wetguard	26W81
		3Ø Wye 277/480	L22-20	5	V0 Max Std	2520	Black&White	2521
					V0 Max Std	2520	Wetguard	26W82
		3Ø Wye 347/600	L23-20	NA	V0 Max Std	2530	Black&White	2531
					V0 Max Std	2530	Wetguard	26W83
30	2P, 3W	125	L5-30	2	V0 Max Std	2610	Power Indicator	2611-PLC
					V0 Max CR	26CM10	Wetguard	28W47
		250	L6-30	2	V0 Max Std	2620	Power Indicator	2621-PLC
					V0 Max CR	26CM20	Wetguard	28W48
		277	L7-30	3	V0 Max Std	2630	Power Indicator	2631-PLC
					V0 Max Std	2630	Wetguard	28W49
		480	L8-30	5	V0 Max Std	2640	Black&White	2641
		600	L9-30	NA	V0 Max Std	2650	Black&White	C2651
	3P, 4W	125/250	L14-30	2 L-N 2 L-L	V0 Max Std	2710	Black&White	2711
					V0 Max CR	27CM10	Wetguard	28W74
		3Ø250	L15-30	3	V0 Max Std	2720	Black&White	2721
					V0 Max CR	27CM20	Wetguard	28W75
		3Ø480	L16-30	10	V0 Max Std	2730	Black&White	2731
					V0 Max Std	2730	Wetguard	28W76
		3Ø600	L17-30	NA	V0 Max Std	2740	Black&White	2741
					V0 Max Std	2740	Wetguard	28W77
	4P, 5W	3Ø Wye 120/208	L21-30	3	V0 Max Std	2810	Black&White	2811
					V0 Max Std	2810	Wetguard	28W81
		3Ø Wye 277/480	L22-30	10	V0 Max Std	2820	Black&White	2821
					V0 Max Std	2820	Wetguard	28W82
		3Ø Wye 347/600	L23-30	NA	V0 Max Std	2830	Black&White	2831
					V0 Max Std	2830	Wetguard	28W83

Dimensions



Specifications

Interrupting Ratings — RMS Symmetrical Amperes							
Suitable for use on circuits capable of delivering not more than 10,000 RMS Symmetrical Amperes							
Electrical				**Mechanical**		**Environmental**	
Ground Path Integrity	Device	Current Applied	Duration	Mold Stress Relief	70°C for 7 hours	Flammability	V-2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure
	30A	60A	2 min	Knockout Test	Remains in place with 20 lb push	Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
				Crush	100 lb	Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 min.
Current Interrupting		Certified for current interrupting at full-rated current and voltage		Impact	1.2 lb steel ball dropped from 5 ft	Dust (12K) per UL 50	Cement Dust Circulated @1000 ft/minute for 5 min.
				Cold Impact	Same as above, after conditioning to -35°C	Gasket Aging	70°C for 168 hours
Endurance		6000 operations at rated current and voltage (Power factor 0.75 – 0.80)		Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws	UV Resistance	Exposed plastic materials are UV stabilized
Dielectric		1000 V plus twice rated voltage for 1 minute		Pullout	18 lb pull on internal wires	Operating Temperature	-40°C to +60°C (-40°F to +140°F)

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