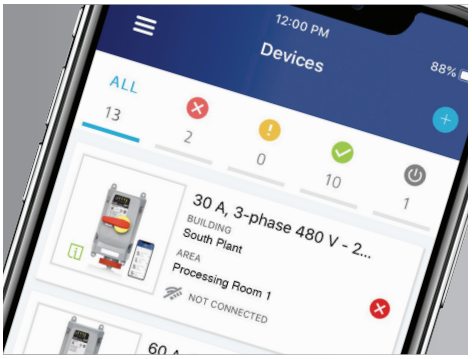
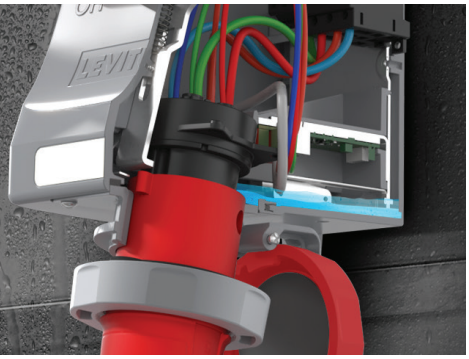
LEV Series Mechanical Interlocks

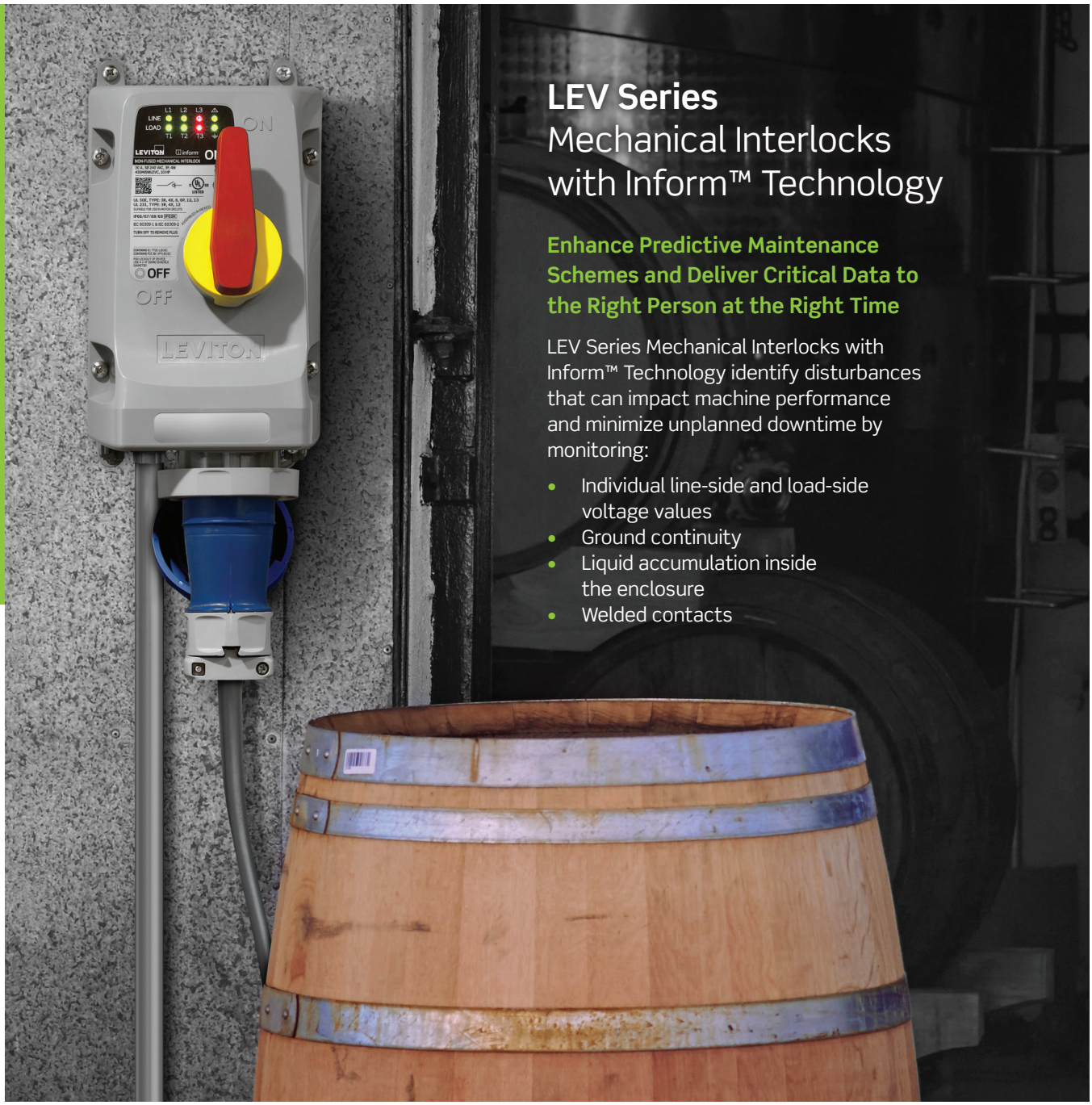
EXCLUSIVE INFORM™ TECHNOLOGY



Don't let liquid slow you down.

Sensors identify liquid accumulation inside the enclosure and notify you before they can cause a device failure.





LEV Series
Mechanical Interlocks with Inform™ Technology

Enhance Predictive Maintenance Schemes and Deliver Critical Data to the Right Person at the Right Time

LEV Series Mechanical Interlocks with Inform™ Technology identify disturbances that can impact machine performance and minimize unplanned downtime by monitoring:

- Individual line-side and load-side voltage values
- Ground continuity
- Liquid accumulation inside the enclosure
- Welded contacts

LEV Series Mechanical Interlocks

AVAILABLE WITH LOCAL AND REMOTE MONITORING

QR code links directly to product detail web page

On-device, Local Monitoring

LED STATES

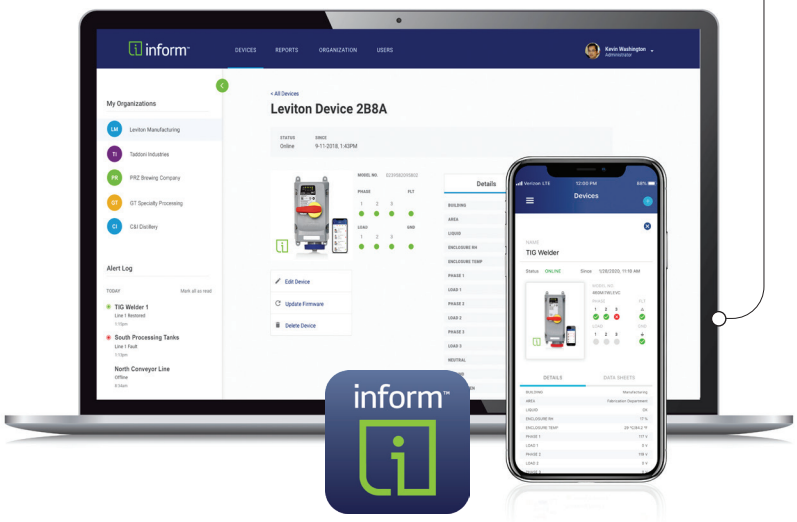
Steady GREEN – Normal Operating Condition
Flashing YELLOW – Warning/Minor Fault
Flashing RED – Abnormal Operating Condition/Major Fault
OFF – Normal Power OFF

Optional Remote Monitoring via Wi-Fi

In addition to local monitoring data, remote monitoring via Wi-Fi allows for 24/7 access to insights of all devices, such as:

- Enclosure temperature
- Enclosure humidity
- Liquid accumulation
- Line- and load-side voltage values
- Ground continuity
- Support materials

The Inform app offers real-time notifications of abnormal conditions so you can respond faster to potential problems and minimize the duration of downtime events.



The Leviton Inform app is available on:

Download on the App Store

GET IT ON Google play

LEV Series: North American Configurations

30 A and 60 A Mechanical Interlocks | **Industrial**

INDUSTRY BEST 5 YEAR LIMITED WARRANTY

Product Features

- Impact, UV and chemical-resistant PBT enclosure
- Pre-wired IEC receptacle accepts all manufacturer's IEC 60309-2 plugs
- Fused models accept "Class J" time-delay fuses
- Watertight and dust-tight rated to IP66, IP67, IP68 and IP69K
- NSF certified sanitary design trusted for use in food & beverage facilities
- Meets North American IEC 60309-1 and 60309-2 standards
- Listed to UL 231 and 1686, CSA and NOM-ANCE requirements, CE Marked*
- Backed by an industry best 5-year limited warranty

See accessories pages 20-21

LEV SERIES

30 A and 60 A Mechanical Interlocks

Amps	Wiring	Color	Voltage AC	Clock Position	Fused Mechanical Interlock	Fused Mechanical Interlock HP Rating	Non-Fused Mechanical Interlock	Non-Fused Mechanical Interlock HP Rating
30	2p3w	Blue	240	6	—	—	330MI6WLEV	5 HP
		Red	480	7	—	—	330MI7WLEV	5 HP
	3p4w	Orange	125/250	12	430MF12WLEV	2 HP @ 120 VAC 3 HP @ 208-240 VAC L-L	430MI12WLEV	2 HP @ 120 VAC 5 HP @ 208-240 VAC L-L
		Blue	3Ø240	9	430MF9WLEV	7.5 HP	430MI9WLEV**	10 HP
		Red	3Ø480	7	430MF7WLEV	15 HP	430MI7WLEV	20 HP
		Black	3Ø600	5	430MF5WLEV	20 HP	430MI5WLEV	25 HP
	4p5w	Blue	3ØY120/208	9	—	—	530MI9WLEV	10 HP
		Red	3ØY277/480	7	530MF7WLEV	15 HP	530MI7WLEV	20 HP
		Black	3ØY347/600	5	530MF5WLEV	20 HP	530MI5WLEV	25 HP
60	2p3w	Blue	240	6	360MF6WLEV	7.5 HP	360MI6WLEV	10 HP
		Red	480	7	—	—	360MI7WLEV	20 HP
	3p4w	Orange	125/250	12	460MF12WLEV	2 HP @ 120 VAC 7.5 HP @ 208-240 VAC L-L	460MI12WLEV	2 HP @ 120 VAC 10 HP @ 208-240 VAC L-L
		Blue	3Ø240	9	460MF9WLEV	15 HP	460MI9WLEV***	20 HP
		Red	3Ø480	7	460MF7WLEV	30 HP	460MI7WLEV	40 HP
		Black	3Ø600	5	460MF5WLEV	50 HP	460MI5WLEV	40 HP
	4p5w	Blue	3ØY120/208	9	560MF9WLEV	15 HP	560MI9WLEV	20 HP
		Red	3ØY277/480	7	—	—	560MI7WLEV	40 HP
		Black	3ØY347/600	5	—	—	560MI5WLEV	40 HP

* Non-Inform Only
**430MI9WLEVAC - Available with Factory-Installed Auxiliary Contact
***460MI9WLEVAC - Available with Factory-Installed Auxiliary Contact

Auxiliary Contacts available separately for all configurations - see page 21

ORDERING INFORMATION

For LEV Series Mechanical Interlocks

4	30	MI	7	W	LEV	C
1st digit	**2nd–3rd Digit**	**Letter**	**Clock Position***	**Suffix**	**NEW Leviton**	**Feature**
3 = 3 wire	30 = 30 Amp	MI = Mechanical Interlock, Non-Fused	4 = 4 o'clock	W = Watertight	LEV Series	S = Sensing, LED Indication
4 = 4 wire	60 = 60 Amp	MF = Mechanical Interlock, Fused	5 = 5 o'clock			C = Communicating, Remote Monitoring via Wi-Fi
5 = 5 wire			6 = 6 o'clock			AC = Factory Installed Normally Open (NO) Auxiliary Contact
			7 = 7 o'clock			
			9 = 9 o'clock			
			12 = 12 o'clock			

*Clock position applies to ground pin location on female devices

inform™

Features:
- Sensing capabilities
- LED Indication of operating status on cover

Features:
- Sensing capabilities
- LED Indication of operating status on cover
- Remote monitoring via Wi-Fi through the Inform app
- Real-time in-app and email notifications

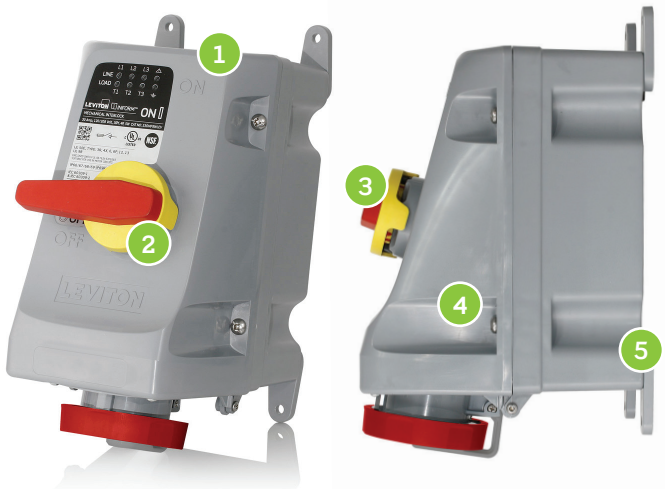
See accessories pages 20-21

30 A and 60 A Mechanical Interlocks with Inform™ Technology

Amps	Wiring	Color	Voltage AC	Clock Position	On-device, Local Monitoring		Remote Monitoring via Wi-Fi	
					Non-Fused Mechanical Interlock w/ Sensing	Non-Fused Mechanical Interlock w/ Sensing HP Rating	Non-Fused Mechanical Interlock w/ Communicating	Non-Fused Mechanical Interlock w/ Communicating HP Rating
30	3p4w	Blue	3Ø240	9	430MI9WLEVS	10 HP	430MI9WLEVC	10 HP
		Red	3Ø480	7	430MI7WLEVS	20 HP	430MI7WLEVC	20 HP
60	3p4w	Blue	3Ø240	9	460MI9WLEVS	20 HP	460MI9WLEVC	20 HP
		Red	3Ø480	7	460MI7WLEVS	40 HP	460MI7WLEVC	40 HP

ADDITIONAL FEATURES:

1. **Embossed ON/OFF** markings
2. **Strongest handle and interlock design** validated through above & beyond endurance testing for improved safety
3. **Longer length, overmold handle provides an improved grip** and features 3 lockout/tagout provisions for OSHA Compliance
4. **Constructed of impact-resistant,** UV stable PBT
5. **Mounting feet standoff ¼" from surface** - Meets NEC® 300.6 air space requirement & NSF Certified



North American IEC 60309-1 & IEC 60309-2 Clock Diagram

A Guide to Color, Numbering and Ratings

In order to prevent connecting devices to an incorrect power source, the IEC 60309 Standard specifies both physical attributes and marking requirements to prevent such mismatch. The dimensions of the device and ground pin, color of the device, and location of the ground pin are all designed for safety requirements.

Devices are color-coded based on voltage and frequency, and these combinations are distinguished by the location of the ground pin relative to a keyway in the housing. The ground pin can be in one of twelve locations spaced at 30° intervals around the circle on which all the pins lie representing a clock. The various positions are referenced from the view of the open side of a socket (or connector/receptacle); the 6 o'clock (180°) position is at the same angle as the keyway, and is oriented downwards. The ground pin also has a larger diameter than the other pins, preventing the wrong type of plug being inserted into a socket, connector, or receptacle.

Rated Operating Voltage	Color
100 to 130 VAC	Yellow
125/250 VAC	Orange
200 to 250 VAC	Blue
277 VAC	Gray
380 to 480 VAC	Red
500 to 690 VAC	Black