



COMPASS LV

Always on. Always aware. Always safe.

Product Description

P/N: CE60LV

Compass LV is a lightweight non-contact low voltage and current detector. Its advanced notification system is designed to quickly warn the user of the presence of voltage and current on a work site. Once a field is detected, users are notified of the approximate distance and direction of the energized source through visual and audible alerts. Compass LV is perfect for any employee working indoors or around a low voltage source.

- Clips Firmly Attach to Any Hard Hat
- Rated for 120 V - 600 V
- Visual & Audible Alerts
- Mute/Unmute Audible Alerts
- 360° Proximity Awareness of Danger
- Custom Sensitivity Settings
- 1-Year Limited Warranty
- Detects Current Through Most Solid Surfaces
- Dielectrically Tested to Match ANSI Z89.1 Class E
- Smart Adaptive Setting IEC IP67
- Up to Ten-Day Chargeable Battery Life



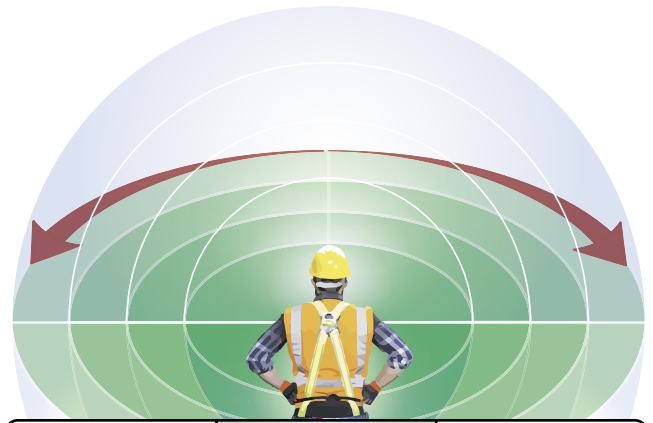
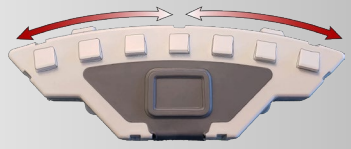
Voltage Detection:
Red lights indicate a detected Voltage from an energized conductor.



Current Detection:
Blue lights indicate a detected current from a load carrying conductor.



Proximity Alerts:
Rate and intensity of alerts increase as the user gets closer to a threat.



 Source to Left	Directional Alerts 240° active bearing range Accurate to approx. $\pm 20^\circ$ from point source.	 Source to Right
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Applicable Industries:

Utilities | Gas and Water | Construction Telecommunication | Arborist | Industrial

Specifications Sheet

Size	3.5" x 1.2" x .04" (88.9 mm x 30.48 mm x 10.16 mm)
Weight	0.5 oz (14.2 g)
Operating Temperature	-29° C to 60° C (-20° F to 140° F)
Water Resistance	IEC IP67 (Protection from total dust ingress and water resistant to 1m depth for 30 minutes)
Power System	Rechargeable 250mAh Lithium-ion battery: 5 day life in rigorous activity (frequent alerts), 10 days for non-rigorous activity.
Charge Time	1.5 hours
Dimensional Accuracy	Detects the direction to a source with a minimum accuracy of +/- 20.
Adjustable Sensitivity Levels	Low, Medium, High, Adaptive
Default Sensitivity Level	High
Operating Frequency	50 Hz and 60 Hz options are available.
Operating Range	120 VAC to 600 VAC
Humidity	100%
Case Material	Flame Retardant Carbotex K-30FR Polycarbonate Electric Volume Resistivity: 1.0E+16 ohms-cm, Dielectric Strength: 510 V/mil Dielectric Constant: (1 MHz): 2.9, Arc Resistance: 110 sec. Flame Rating (0.12 in): V-0 tested to UL 94 Deflection Temperature: 270 °F
Ports	Common 5V USB 2.0 Micro B charge point access
Warranty and Service	1-Year Limited Warranty and Service included.
Regional Support	Certain services may not be available outside the U.S.
Included in the Shipment	COMPASS: PERSONAL VOLTAGE AND CURRENT DETECTOR, Quick Start Guide, USB Charging Cable and Wall Plug, Durable Safeguard Equipment Clam Shell Storage Case.

ISHN Workplace Injuries Search Results: <https://www.ishn.com/search?q=workplace+injuries>

OSHA Accident Search Results Archive: <https://www.osha.gov/pls/imis/accidentsearch.html>



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