

# Multi-Range Voltage Detector Lighted Dial 1 to 40kV

By Chance Lineman Tools & Equipment

Catalog # [T4033228](#)



\*Representative Image

The lighted-dial option sets this unit apart from features standard on Multi-Range Voltage Detector (MRVD) C403-0979. Powered by the unit's internal battery (included), a long-life bulb gives a glow to the meter face so the scale is easy to read in most conditions. To conserve the battery, a special switch locks the light off when not in use. Its spring-loaded toggle must be pulled up to move it over the stop between its on and off positions. This helps keep the switch from being flipped on accidentally while the unit is not in use. To confirm that a line is de-energized prior to performing maintenance on it, the MRVD presents field practicality. Actually a field intensity meter, the MRVD is calibrated to read approximate line-to-line voltage when connected to any phase conductor. It responds to the magnitude of the field gradient between its end probe and floating electrode (at the universal hotstick-attachment fitting). If the universal fitting is close to a ground, another phase or another voltage source, the reading should tend to be high- if it's close to jumper or equipment of the same phase, the reading should be low. The MRVD gives metered readout capable of distinguishing actual line voltage from static or feedover from an adjacent line. Readings from an MRVD can be compared with numerical certainty rather than the subjective judgments associated with "fuzz-sticking" or "glow-detecting." Since the MRVD is not a voltmeter, no specific accuracy is claimed by the manufacturer or can be assumed by the user. The MRVD must be mounted on proper length hotstick for the voltage class involved. Complete instructions are furnished with easy, illustrated step-by-step procedures. Internal circuit and pushbutton permit check before and after each use to confirm operational condition of instrument and battery.

### Features

- Same as C403-0979 but includes lighted dial option
- Long-life bulb with included internal battery allows for easier reading
- Switch locks light off when not in use
- Spring-loaded toggle on switch helps prevent accidental usage.

### General

Catalog Number	T4033228
EU RoHS Indicator	No
Style	Lighted Analog Dial
UPC	096359236863

### Dimensions

Weight	9 lb
WeightMetric	4 kg

### Electrical Ratings

Withstand Voltage	Up to 40kV
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### Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
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### Logistics

Standard Package	1
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### Product Assets

[Catalogs - Instruments and Meters](#)



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