

Type ROI Roll-Over Indicator

Patent No. 9666393

Proper contact engagement is critical to the long term performance of a disconnect switch. Contact burning can result from inadequate contact pressure due to incomplete roll-over or depth of engagement of the blade in the break jaw. When viewed from the ground, horizontally mounted switches are the most difficult to visually verify that the blade has seated correctly and has fully rolled over.

To provide verification that the switch has properly closed, Cleaveland/Price has developed the ROI (Roll Over Indicator), a simple yet effective blade position indicator that can be economically deployed throughout a utility's system. The ROI clamps to any manufacturer's disconnect switch blade that rolls over on a horizontal axis when closed (typically vertical break and double end break switches) to give visual status of the contact engagement. If the blade has not reached its correct depth in the break jaw and/or has not completely rolled over, the colored indicator ball will not be visible.

The ROI works only on switches that are mounted in the horizontal upright position.

The ROI

- verifies complete roll-over of the blade
- verifies blade depth in the break jaw of vertical break switches
- has only one moving part, driven by gravity
- is easy to install and adjust
- attaches to the blades of any manufacturer's switch that rotate when closing
- requires no external power source or magnetic field
- is not affected by ice conditions
- is offered with optional indicator ball colors
- has a durable UV resistant body with acrylic viewing window

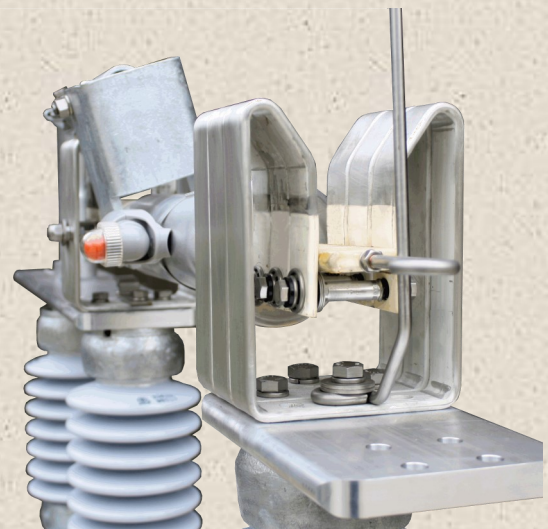


Check out
the ROI

**The ROI indicates
that switch contacts
are fully engaged.**



The colored ball indicates that the blade is closed to the full depth of the break jaw.



It also indicates that the contacts are fully engaged with total "roll-over" of the switch blade.

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