

### DESCRIPTION

CBS ArcSafe®, a leading manufacturer of remote racking and switching solutions for low- and medium-voltage switchgear, is pleased to announce the addition of the PD Alert partial discharge sensor option to its Remote Racking System (RRS) line.

CBS ArcSafe's optional PD Alert provides an additional layer of safety for technicians tasked with racking or removing circuit breakers and motor control centers. In the event of a breakdown in line-to-line or line-to-ground insulation, the PD Alert radio frequency (RF) non-contact sensor issues a visual strobe alarm or digital alarm via email or SMS text message. The PD Alert can be used with any of CBS ArcSafe's remote racking systems, including the RRS-1 for rotary jackscrew-type breakers; the lightweight RRS-1LT made from aluminum extrusion; the programmable dual-mode RRS-4; and the RRS-2 and RRS-2BE for remotely racking extractor-type circuit breakers and motor controls, respectively. PD Alert can also be used as a stand-alone partial discharge sensor for monitoring critical electrical distribution equipment.

Advanced signal processing and field-configurable setup allows the operator to set do-not-exceed thresholds for partial discharge values, or to issue an alert if partial discharge values indicate a condition that could be dangerous to technicians.

CBS ArcSafe remote racking and remote switching systems allow technicians to operate potentially dangerous electrical equipment from up to 300 feet away outside the arc-flash danger zone, thanks to wireless control and video links. Even with the additional layer of protection afforded by PD Alert, technicians should always follow standard safety procedures set out in NFPA 70E and other industry standards.

All CBS ArcSafe products are manufactured in the U.S. at our manufacturing facility in Denton, Texas.



### OVERVIEW

- Detects potentially dangerous insulation failures inside closed equipment
- Works with any CBS ArcSafe remote racking system or as a stand-alone sensor
- Alarms issued based on programmable or generic threshold values
- Issues visual and/or email/text alerts
- Allows technicians to rack equipment from up to 300 feet away
- Requires no modification to existing electrical equipment

