

The REA Arc Protection System utilizes a patented fiber-optic sensor technology that instantaneously detects light from an arc. A tough unshielded fiber optic cable runs throughout the switchgear ...

The light is brought to the relay via one of the fiber-optic cables connected to the point sensor. Bare-fiber sensors detect arc-flash light over the entire length of a fiber loop and are ideal for large areas, like ...

On the other hand, point sensors, since they have been specifically designed for arc flash detection purposes, have a higher sensitivity than line sensors, whose sensitivity is inherited from the physical ...

The available sensor types are arc light point sensors (AQ-01 and AQ-02) and arc light fiber optic loop sensors (AQ-06, AQ-07 and AQ-08). There are two types of point sensors: AQ-01 is a light point ...

The PGA-LS20 series is an arc-detection, fiber-optic sensor that is designed to detect arcs along its entire length. This sensor is meant to be installed with the fiber along the back wall of switchboards ...

They offer fast and highly sensitive light detection using wide-spectrum photo diodes. Connected by low-loss fiber optical cables to compact FSMA-type viewports, AFT's arc detectors allow easy installation ...

The 1S40 is an optical sensor that is used to transmit the flash of light emitted during the incidence of an arcing fault back to an arc fault monitor such that detection of arcing faults can be achieved in as little ...

Based on a known time relationship between the speed of light and sound, (pressure wave), GE's patented sensor is able to detect and issue a trigger signal to clear the fault in under 2 milliseconds - ...

A fiber optic sensor operates with an optical fiber cable connected to a dedicated light source. These sensors offer great mounting flexibility and can be used in a variety of environments.

The EAFR-08 is an arc light fiber optic loop sensor used for high temperature applications. It is developed to withstand temperatures of up to 125°C (257°F) and is therefore suitable for installation ...

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