

Overheat and Fire Detection in Power Distribution Apparatus

SPECIAL HAZARD APPLICATION

The inherent flexibility of Protectowire Linear Heat Detector permits installation in high-risk areas such as motor control panels, switchgear, substations, transformers, and resistor banks. When used with Protectowire Control Devices, early detection of overheat conditions can be used to initiate activation of automatic fire extinguishing systems limiting damage to critical power equipment.

Line Type Heat Detectors are typically laced throughout power distribution apparatus and other associated equipment where ambient temperatures do not exceed the detector rating. Please reference the “Protectowire Linear Heat Detector Installation, Operation, & Maintenance Manual” for available recommended fastening devices.

Protectowire Linear Heat Detector Types EPC or XCR, are commonly employed to provide resilience to aggressive atmospheres often found in these locations. Please see “Protectowire Linear Heat Detector” data sheet DS-6592 for complete information. Hazardous (Classified) Location applications are possible with FM Approved Protectowire Control Equipment configurations using Intrinsic Safety Barriers.

Protectowire Linear Heat Detectors are components of a complete family of fire detection systems manufactured by The Protectowire Company, Inc.



