

Keep the fire risk away from your facility
PowerLogic™ HeatTag

Wireless Sensor for the early detection of cable overheating

Customer case

As a Facility Manager, safety is top of your concerns, making the ability to anticipate electrical fires a must have.

Electrical fires generate huge losses in commercial and industrial buildings, interrupting production and delaying delivery. If early detection of component overheating is accurately detected and alarmed, these losses can be prevented.

Currently, Thermographic Infrared (IR) is widely used for this purpose. Thermographic Infared is efficient in discovering the heat source, however, there is no monitoring between the 2 cycles of inspection which keeps the electrical fire risk alive.

You need a cost-effective solution that reduces fire risk via continuous monitoring and preventive maintenance.

Our recommendation

PowerLogic™ HeatTag helps prevent electrical cabinets from damage by analyzing airborne gas and particles 24/7. If an issue is detected then you are altered before an electrical fire starts.

HeatTag is much more than a fire or smoke detector – it scientifically detects overheating in electrical installations before any damage or fire can occur.

Benefits

- Ensure business continuity by preventing fire incident risk and associated costs
- Get peace of mind with 24/7 monitoring
- Optimize operational expenses
- Comprehensive operations through our EcoStruxure applications and software or any other 3rd party software through Modbus TCP/IP

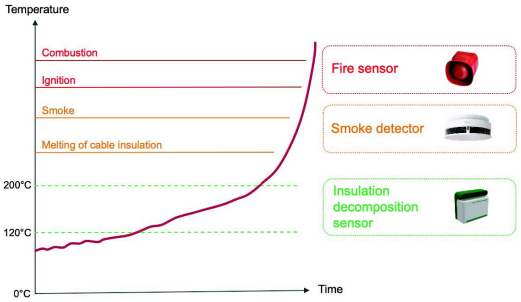

Fig 1: Comparison of insulation decomposition detection, smoke, and fire sensors

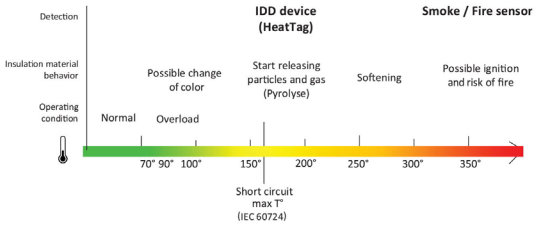

Fig 2: Insulation material behaviour with increasing temperature

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Do not use PowerLogic™ HeatTag as a safety device. It does not replace fire protection devices in buildings.

Solution

PowerLogic™ HeatTag sensor connected to EcoStruxure™ Apps & Software



PrismaSeT International



BlokSeT



Universal Enclosure



PowerLogic™ HeatTag



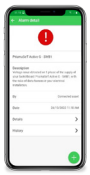
EcoStruxure™ Panel Server



EcoStruxure™ Apps & Software

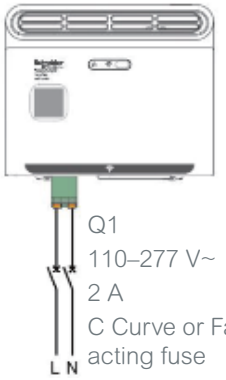


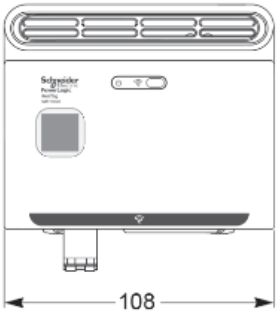
Air quality index

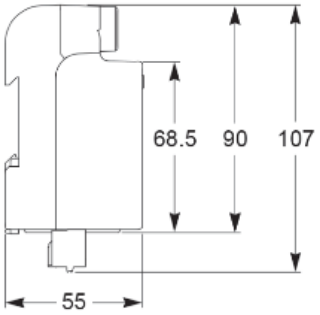


Alert detail

Dimensions & installation







HeatTag sensor dimensions. See the appropriate Installation Guide.

Offers

Cloud-based software	Description	Reference
PowerLogic™ HeatTag	Wireless sensor for early detection of overheating cables	SMT10020
EcoStruxure™ Panel Server	Universal wireless, concentrator modbus gateway 110-277 VAC/DC	PAS600
EcoStruxure™ Panel Server	Advanced datalogger, energy server, 110-277 VAC/DC	PAS800
EcoStruxure™ Panel Server	Panel Server - entry wireless, concentrator 110-277 VAC/DC	PAS400

PowerLogic™ HeatTag

EcoStruxure™ Panel Server

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