

Build with fire prevention in mind PowerLogic™ HeatTag

Wireless Sensor for the early detection of cable overheating

Customer case

As a panel builder, you need to build a reliable power distribution system that minimises fire risk for your customers.

Existing market technology can measure the temperature of busbars, but this alone is not enough to minimise fire risk as many electrical fires are caused by wire connections that are in poor condition.

You need to provide an easy to integrate solution, which can offer peace of mind to your customer whilst also adhering to budget restrictions.

Our recommendation

PowerLogic™ HeatTag helps prevent electrical cabinets from damage by analysing airborne gas and particles 24/7. If an issue is detected then you are alerted 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
- Give peace of mind with 24/7 monitoring
- Easy implementation in new or existing electrical cabinets
- Comprehensive operations through our EcoStruxure applications and software or any other 3rd party software through Modbus TCP/IP

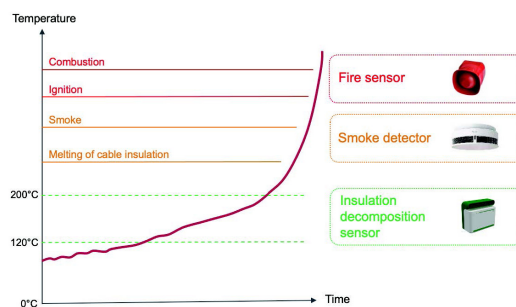


Fig 1: Comparison of insulation decomposition detection, smoke, and fire sensors

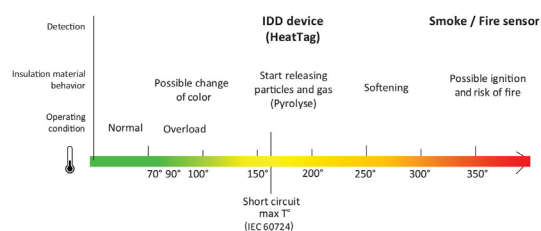


Fig 2: Insulation material behaviour with increasing temperature

Solution

PowerLogic™ HeatTag sensor connected to EcoStruxure™ Apps & Software



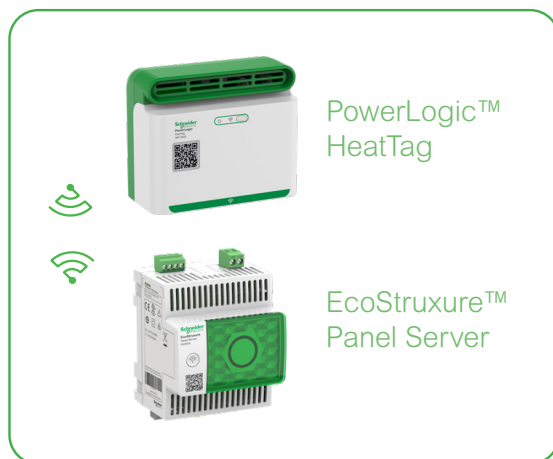
PrismaSet



Okken/BlokSet



PanelSeT



PowerLogic™ HeatTag

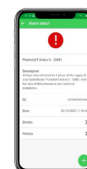
EcoStruxure™ Panel Server



EcoStruxure™ Apps & Software

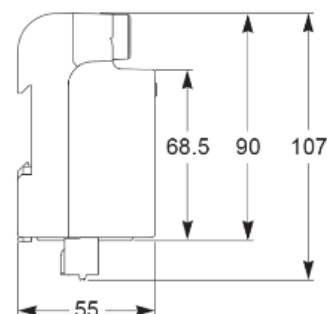
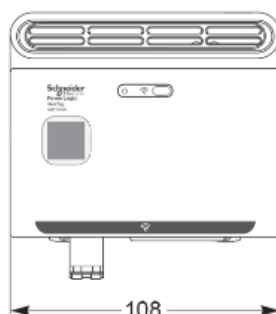
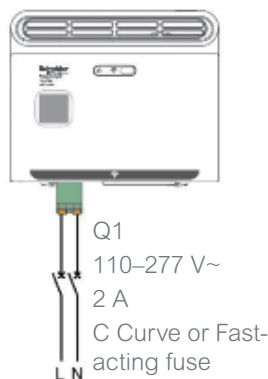


Air quality index



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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