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 minimizes fire risk for your customers.

Existing market technology can measure the temperature of busbars, but this alone is not enough to minimize 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.

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
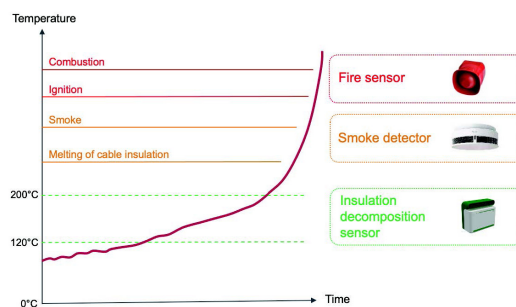
Our recommendation

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.

Fig 1: Comparison of insulation decomposition detection, smoke, and fire sensors
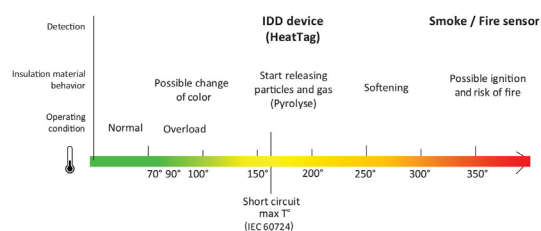
Fig 2: Insulation material behaviour with increasing temperature

Life Is On | Schneider Electric

Solution

PowerLogic™ HeatTag sensor connected to EcoStruxure™ Apps & Software

PrismaSeT International

BlokSeT

Universal Enclosure

PowerLogic™
HeatTag

EcoStruxure™
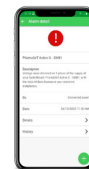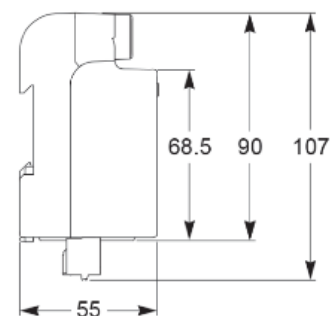Panel Server
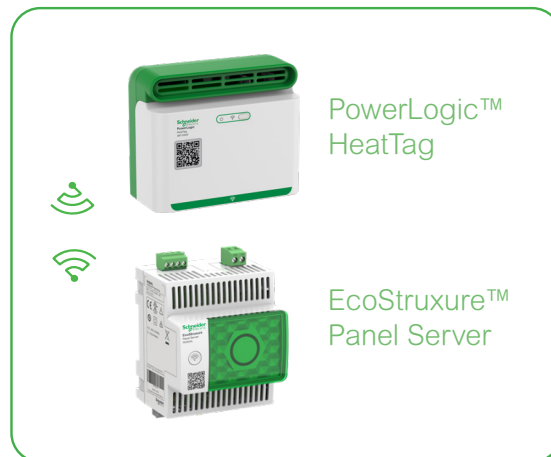
EcoStruxure™
Apps & Software

Air quality index

Alert detail

Dimensions & installation

Q1
110–277 V~
2 A
C Curve or Fast-
acting fuse

L N

68.5 90 107

108

55
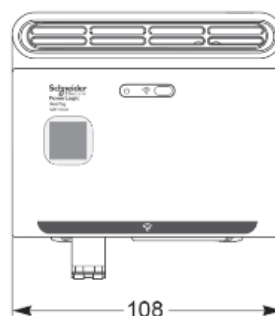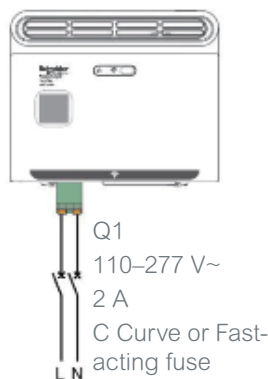
HeatTag sensor dimensions. See the appropriate Installation Guide.

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

Scan or click on QR code

se.com

Life Is On | Schneider Electric