



Mitigate risk of fire caused by thermal runaway in your Low Voltage equipment

Early Detection of Cable Connection Overheating

“I want to detect abnormal heat or hot points in my low voltage installation before they lead to potential fires*.”

EcoStruxure™ Power solution helps prevent damage in electrical cabinets from overheating by analyzing gases and particles emitted by cable sheaths in case of abnormal temperature rises. It monitors switchboard conditions 24/7 and sends alerts, helping you anticipate on-site interventions.

PowerLogic™ HeatTag

Wireless sensor for early detection of overheating cables.

Switchboard condition analysis

- Analyzes gases and micro-particles emitted by overheating cable
- 3 level of alerts depending on severity
- Measures ambient temperature and hygrometry
- Provides switchboard air quality index

Sensor self-diagnosis

- Fan maintenance alert
- Sensor health alert

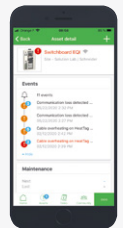


EcoStruxure™ Facility Expert

Cloud-based software for alerts and remote data monitoring.

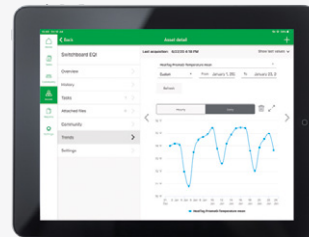
Remote alerts with actionable details

- Cable overheating alert with causes identification and recommendations
- Communication loss alert
- Notification on mobile devices





Continuous monitoring and trends

- Detailed dashboards on tablet:
- Ambient temperature and hygrometry trends
 - Switchboard air quality evolution
 - Data storage, asset history and reports



PrismaSeT Active

Native connectivity in panel server

- Built-in wireless gateway (LoRaWAN)
- Communication status indicator
- Independent from local IT infrastructure
-  Service is activated on cloud-based software
-  Service is not activated (blinking)

*35% of fires in the world that require firefighter intervention, start in buildings (CTIF), 25% of building fires are electrical in origin (EFSA) and in the U.S., ~10% of fires in nonresidential buildings are directly caused by electricity. This number grows to 30% if we include overheated electrical loads in industrial segments (USFA).

PowerLogic™ HeatTag sensor in wireless PrismaSeT Active connected to EcoStruxure™ Facility Expert

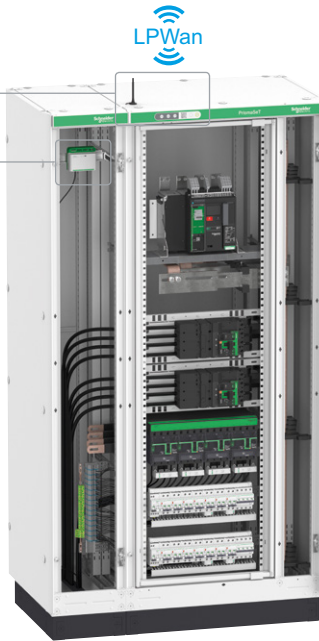
PrismaSeT Active
Built-in wireless panel server

PowerLogic™ HeatTag
Overheating cable connections.



Easy to install:
directly on a DIN rail in non-forced air ventilated switchboards.

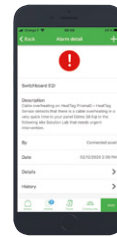
Easy to commission
from your mobile with:
EcoStruxure™ Power Commission



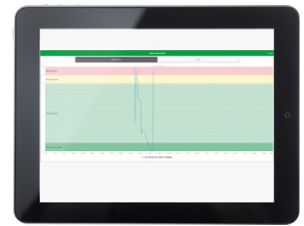
PrismaSeT Active



EcoStruxure™ Facility Expert



Alert detail



Air quality index

Key Products

Products		
Sensors	Description	Reference
PowerLogic™ HeatTag	wireless sensor for early detection of overheating cables	SMT10020
Panel Type	Description	Reference
PrismaSeT P Active	wireless panel server	Built-in each panel
PrismaSeT G Active Floor Standing	wireless panel server	Built-in each panel
PrismaSeT G Active Wall Mounted	wireless panel server (300W/600W)	LVS08884D/LVS08880D

Important: Do not use PowerLogic™ HeatTag as a safety device. It does not replace the fire protection devices of the building.

Cloud-based Software and Apps

Offers		
Cloud-based software	Description	Subscription
EcoStruxure™ Power Commission	Intuitive software to commission and manage electrical equipment from your mobile device.	Free app
EcoStruxure™ Facility Expert-Operations	A collaborative tool (web portal and app) to ensure preventative maintenance, improve team collaboration and the efficiency of your operations. Enhanced monitoring features to optimize the business continuity of your electrical installation.	SVSFE0003 Annual subscription

EcoStruxure™ Power Commission



EcoStruxure™ Facility Expert



se.com/ww/ecostruxure-power

Life Is On



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