

# LV Switchgear Temperature Monitoring

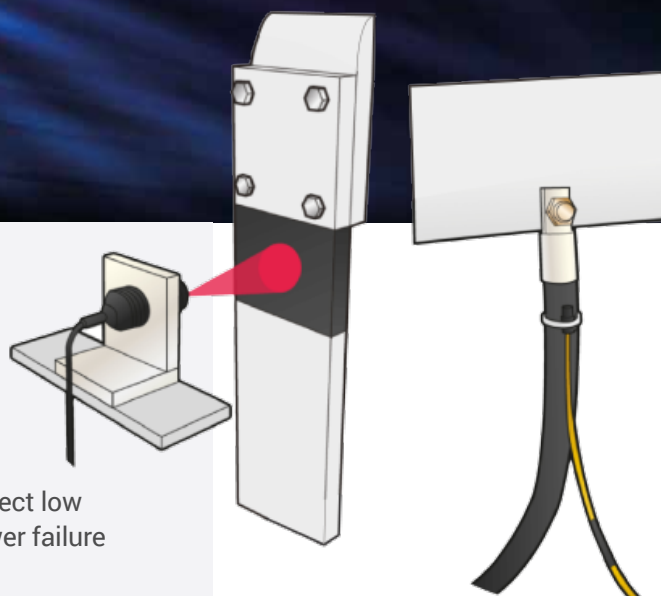
## Continuous Temperature Monitoring Solution for Low Voltage Switchgear

Continuous thermal monitoring (CTM) sensors help protect low voltage (LV) switchgear by identifying the signs of a power failure before it occurs.

Infrared (IR) sensors monitor busbar joints and cable sensors monitor cable terminations simultaneously and in real-time.

Exertherm's IR sensor technology is the only non-contact, non-powered solution that can be permanently installed for continuous temperature monitoring.

Protect critical electrical infrastructure from power outages  
**24x7 Thermal Monitoring Solutions**



### 24x7 Hotspot Detection

- Enhance safety
- Save costs
- Increase efficiency

#### Americas

North America  
Call +1 346 257 7479

South America  
Call +55 (11) 5197-7966

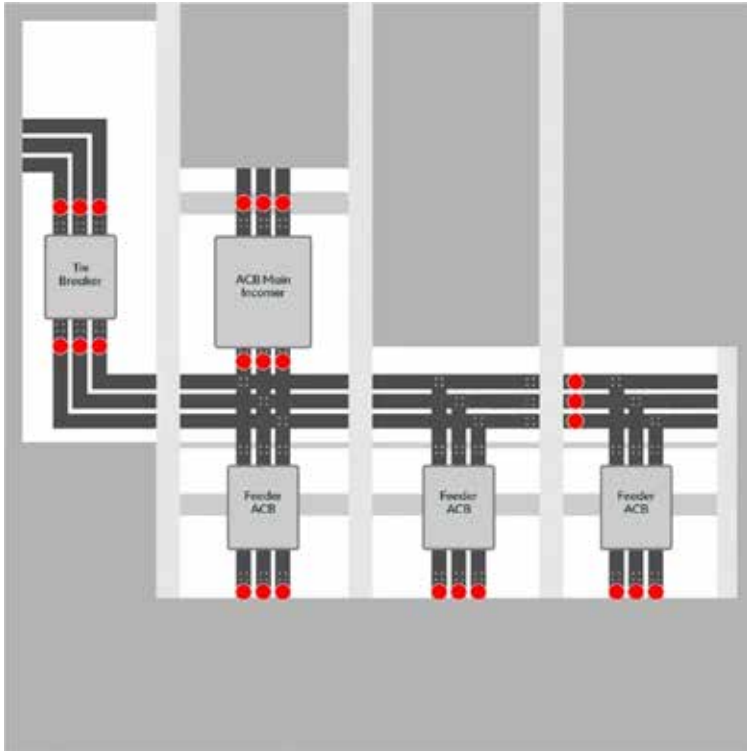
#### EMEA

United Kingdom  
Call +44 (0) 1582 461 123

#### APAC

Singapore  
Call +65 9848 8155

## Predictive and Continuous Temperature Monitoring for Low Voltage Switchgear



Exertherm enables the following critical LV bus and cable terminations to be monitored simultaneously and in real-time:

### LV Busbar Joints

- IR Sensors monitor ACB Main Incomers, line and load side
- IR Sensors monitor both sides of any bus couplers or tie breakers;
- IR Sensors monitor ACB Feeders load side
- IR Sensors monitor shipping/transport splits and other critical connections that are made on-site.

### LV Busbar Joints

- Cable Sensors monitor ACB Main Incomers, line side
- Cable Sensors monitor ACB Feeders, load side

### Features:

- Permanently installed sensors
- The only non-contact and non-powered transformer monitoring solution
- Reliability via a lifetime guarantee
- Provides 24x7 real-time asset data
- Suitable for new build or retrofit
- OEM vendor neutral

### Benefits:

- Increase operational uptime and reliability
- Greater facility and operator safety
- Reduce risk of fire/explosion resulting from arc flash
- Reduce unplanned maintenance
- No future inspection downtime
- Cost savings from reduced outages



Receive advance warning of a potentially faulty or compromised joint before larger, more significant problems occur.

### Americas

North America  
Call +1 346 257 7479

South America  
Call +55 (11) 5197-7966

### EMEA

United Kingdom  
Call +44 (0) 1582 461 123

### APAC

Singapore  
Call +65 9848 8155