

## REL-iON™ APPLICATIONS

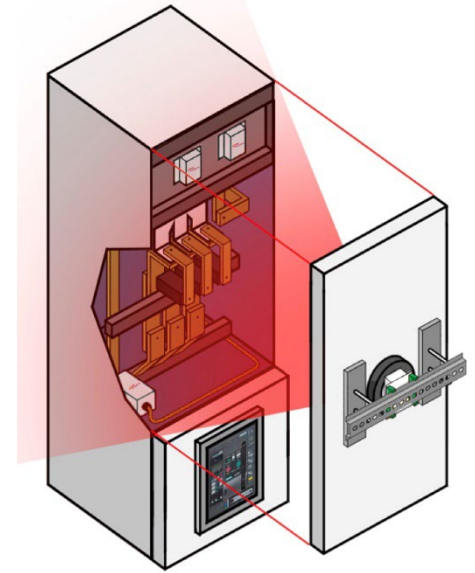
### Switchgear

Switchgear maintenance traditionally relies on periodic manual inspections using thermal guns, a practice that risks missing faults until the subsequent check, allowing failures to occur unmonitored.

Kidde Fire Systems' REL-iON sensors revolutionize this approach with patented thermal imaging sensors, enabling 24/7 real-time anomaly detection.

Specifically designed for GIS switchgear, its SF6 gas leak sensors promptly identify leaks, enhancing safety and efficiency.

Moreover, REL-iON environmental and corrosion sensors provide an additional safeguard, crucial in electrical setups.



| Part Number      | Sensor Use Case                                                                                               | Minimum Recommended              |
|------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------|
| 31-BASE-WIRED    | Base Unit SensorGateway                                                                                       | 1 base required                  |
| 31-EXP-8HUB      | Sensorhub - 8 Ports Hub & 1 Daisy-Starter circuit                                                             | 1 hub required; hosts 8 sensors  |
| 31-BASE-PWR      | Power Adapter for Base Unit                                                                                   | 1 power adapter required         |
| 31-ENV-THIMG – M | Monitors object and equipment temperatures with 19,200 measurement points per image, analyzed every 2 seconds | 1 recommended sensor per cabinet |
| 31-ENV-LEAK-LOC  | Monitors leaks or presence of water                                                                           | 1 recommended + cable            |
| 31-ENV-CORROSION | Monitors real-time atmospheric corrosion levels and severity per ANSI/ISA 71.04 standard                      | 1 recommended per room           |
| 31-SEC-DOOR      | The security door contact sensor triggers an alert when the door is opened                                    | 1 recommended per door           |
| 31-GAS-SF6       | Monitors and measures the level of Sulfur Hexafluoride (SF6) in the ambient air                               | 1 recommended per cabinet        |
| 31-ENV-DUST      | Monitors dust particles                                                                                       | 1 recommended per room           |
| 31-ENV-THUM      | Monitors ambient temperature and humidity                                                                     | 1 recommended per room           |
| 31-GAS-SF6       | Monitors and measures the level of Sulfur Hexafluoride (SF6) in the ambient air                               | 1 recommended per cabinet        |
| 31-GAS-O3        | Monitors Ozone (O3) gas levels                                                                                | 1 recommended per panel          |
| 31-SEC-LUX       | Monitors the light level inside the switchgear                                                                | 1 recommended per panel          |
| 31-SEC-SHOCK     | Monitors shocks and vibrations inside the switchgear                                                          | 1 recommended per room           |

#### Notes

- The visual appearance and dimensions presented on this datasheet are for illustrative purposes only and are subject to change without prior notice. Actual product appearance and dimensions may vary due to continuous product improvement and manufacturing.
- Quantities of sensors and other equipment are indicative only. Please ensure adequate coverage based on site and application conditions and dimensions.