

# Voltage Detector Solution S-Volt

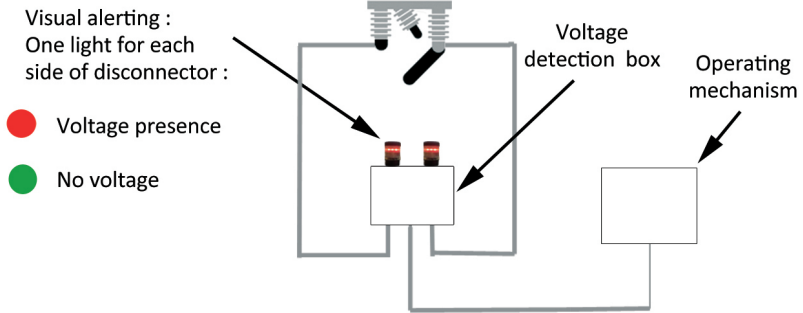


S-Volt

## How to secure maintenance operations ensuring the disconnector is out of voltage ?

Solution: S-Volt detects presence of DC voltage allowing completely safe maintenance to be proceeded.

Detection module, connected to active parts, identifies voltage presence and transfers information and/or voltage measurement: locally by a visual alert (S-Lux) with green light confirming safe maintenance, and/or by analog measurement (ex: 0-10V) and/or on relays (electrical contact). System can be remotely connected to SCADA and with S-COM option, enabling optic fiber.



*Example of configuration of S-Volt voltage detection*

## Technical specifications

- Nominal voltage : 750 / 1800 / 3000 VDC
- Dielectric rigidity : 10kV
- Protection degree : IP65
- Operating position : all positions
- Lifetime : 30 years
- Options : Without visual detection device S-LUX  
 Connection to SCADA with S-COM device: copper cables or optic fiber (S-Com WAN)  
 Groupment box for additional relays

## Scope of supply

- Wired detection device S-VOLT (box equipped with S-LUX visual warnings)
- 2 S-LUX devices (red light: presence of voltage, green light: safe for maintenance)