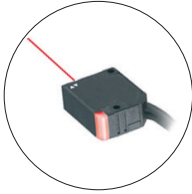


# Position Detector Solution S-POSITION

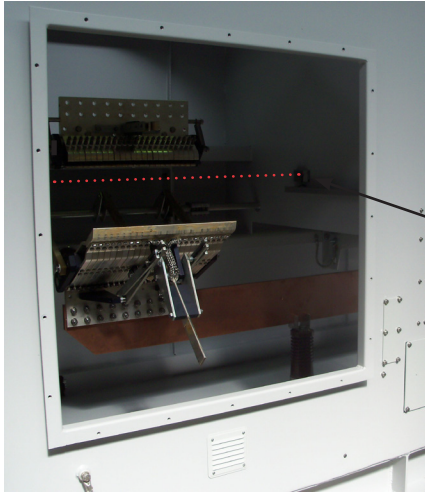
## How to optimize installation security, reliability and precision ?



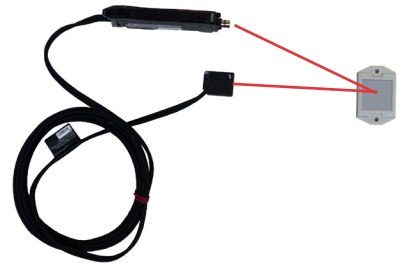
S-Position

Solution : S-Position allows to prevent mechanical failures by monitoring permanently and precisely closed or opened position of all power plant disconnectors in cubicle, insuring reliability of operation.

This laser device detects position of each phase, transmits information of total opening or closure position (and/or non-opened / non-closed position by relays (dry contacts) and/or by visual alert (outside of cubicle or operating mechanism).



S-Position sensor



Operating diagram

### SB250FB with S-Position device in cubicle

## Technical specifications

- Dedicated to disconnectors in cubicle
- Suitable to all voltages and currents
- Solution adaptable to existing equipment
- Configurable position information as required by customer
- No special storage conditions
- Laser dimension: 23x18x8,5 mm
- Reflector dimension: 45x29x5 mm
- Amplifier dimension: 80x36x9 mm
- Precision of detection point : Ø 2,5 mm
- Distance of detection : up to 2 m
- Maintenance: Zero maintenance

## Scope of supply

- 1 Sensor X number of phases
- 1 Amplifier X number of phases
- Dedicated relays
- Transformer