

Ilmakaapeleiden vikailmaisin (oikosulku ja maavuoto)

- minimoi verkon sähkökatkot ja säästää ylläpidossa. Helppo asennus.
- nopea vikapaikannus – paikallinen ja etäilmaisuus (kännykkä ja SCADA).
- pyydä tarjous edullisesti pilottipaketista: laitteet, asennus ja koulutus.



- **Overhead-Line Fault Indicator**
Short-circuit and earth-fault detection in overhead line networks
- **Ultra-bright LED indication**
360° visibility; wide viewing angle. Even visible in extreme sunlight
- **Easy installation and self-test by operation rod**
integrated indication for correct installation; no special tools required
- **Reliable fault detection**
Microcontroller-based independent overcurrent-time characteristic; short-circuit and earth-fault detecting; suitable for high-impedance earth-faults
- **Optional: remote alarm by radio transmission and GSM**
by IKI-Overhead Radio (yellow marked) and IKI-Overhead Butler (green marked)
- **User adjustable parameters by DIP-switches**
Pick-up current (automatic or fixed 200-600 A). Reset (2-8 h, manually or auto after return of minimum load current or manually)
- **Long life cycle**
Due to included high-quality lithium battery and nanowatt technology.
- **Applicable in closed loop or radial networks with Renewables**
Display of first and second alarm event without any change of settings. Requirement: automatic recloser

Principle of communication: up to 8 IKI-Overhead Radio communicate with one IKI-Overhead Butler via short distance RF connection.

IKI-Overhead Butler communicates by GSM with PONLINE-Master or any SMS-client. PONLINE-Master can be linked to any existing Scada-System






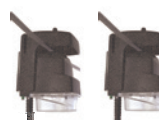
IKI-Overhead

Overhead-Line Fault Indicator

Complete Solution for Local and Remote Indicating



Technical data

Power supply:	lithium battery (life time approx. 15 years); For IKI-Overhead Radio and IKI-Overhead Butler battery life-time min. 10 years;	
Pick-up current I _{>>} :	automatic, 200, 400, 600 A	
Pick-up time t _{I>>} :	60ms, 200 ms	
Reset:	2 h, 4 h, 6h, 8 h, manually, automatically after return of minimum primary current 3 A for at least 10 s	
Visibility:	approx. 50-100 m at bright sunlight; approx. 500 m at night	
Dimensions:	h = 210 mm; Ø = 130 mm	  
Installation:	by operating rod (bajonett or ring)	
Self-test:	by operating rod and magnet	
Protection class:	IP68	
Rated nominal voltages:	1kV to 36kV	
Rated power frequency	50-60 Hz	
Conductor rope cross:	20 mm ² to 490 mm ² , corresponding sectional area: to a diameter of 5mm to 35mm	
Housing:	plastics, UV stable CT-Type	
Standard-Type:	Standard device with local LED indication	
IKI-Overhead R2 Art-No. 2501302		
IKI-Overhead Radio Art-No. 2501304	Device with short-distance radio connection up to 50m. Failure information will be forwarded from IKI-Overhead Radio to IKI-Overhead Butler	
IKI-Overhead Butler Art-No. 2501306	Device with short-distance radio connection for communication with up to 8 pcs IKI-Overhead Radio. With additional GSM-Modem to forward information to PONLINE-Master or any SMS-client; GSM-SIM-card not included.	
Mounting: Art-No. 25xyyyzz Art-No. 25xyyyzz_H001	Standard_type: by means of operation rod with bajonett Clamp-Stick_type: by means of operation rod with clamp (shot gun)	

Principle of overhead-line failure detection with local and remote indicating devices.

Failures are indicated up to the failure location

