

IKI-Overhead

Overhead line short-circuit indicator



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Short-circuit and earth-fault detection in overhead line networks.

Applicable in closed loop or radial networks

With secondary sources (e.g. wind energy converters).

Display of first and second alarm event without any change of settings.

Requirement: automatic reclosure

Ultra bright alarm indication

Wide viewing angle.

Even visible in extreme sunlight.

Easy installation and self-test by operating rod

User adjustable parameters

Pick-up current (100 ... 600 A).

Reset (1 h, 2 h, 4 h, 8 h, automatically after return of operating current or manually).

Reliable fault detection

Microcontroller-based independent overcurrent-time characteristic.

Long life cycle

Due to included high-quality lithium battery and nanowatt technology.

Optional: remote alarm by radio transmission



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Technical data

Power supply:	lithium battery (life time approx. 15 years)
Pick-up current $I_{>>}$:	adjustable 100, 200, 400, 600 A
Pick-up time $t_{l>>}$:	approx. 80 ms
Reset:	adjustable 1 h, 2 h, 4 h, 8 h, manually operated, automatically after return of minimum primary current 3 A for at least 10 s
Visibility:	approx. 50 m at sunlight approx. 500 m at night
Dimensions:	h = 176 mm; \varnothing = 97 mm
Installation:	by operating rod and adapter
Self-test:	by operating rod and magnet
Protection class:	IP68
Operating temperature:	-30°C to +75°C
Storage temperature:	-30°C to +80°C
Conductor rope cross sectional area:	20 mm ² to 490 mm ² , corresponding to a diameter of 5 mm to 25 mm
Part number:	2500034
Housing:	plastics

Kries - Energietechnik GmbH & Co KG

Sandwiesenstr. 19
D-71334 Waiblingen
www.kries.com

Telefon +49 7151 96932 - 0
Telefax +49 7151 96932-16
E - Mail service@kries.com

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