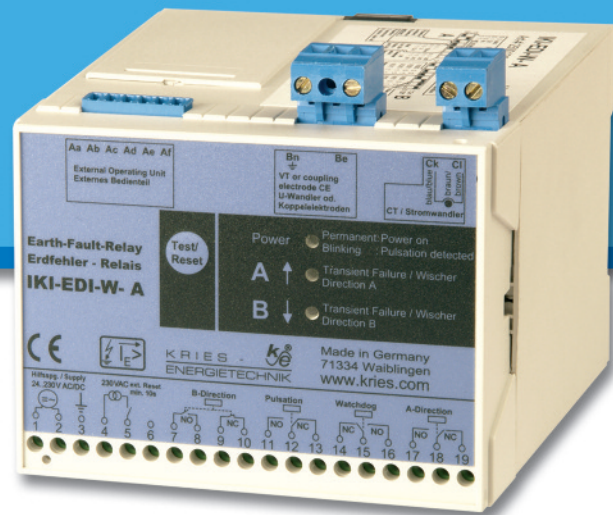


# IKI-EDI-W

Earth-fault transient relay



## Earth-fault transient relay IKI-EDI-W

Earth-fault detecting in compensated or insulated high-voltage networks.

## Transient detection of earth-fault direction

By analysis of zero sequence values.

## Static detection of earth-faults

By impulse-current method.

## Measurement of zero-sequence voltage without voltage transformer

Operating module IKI-EDI-W-UO to plug in an integrated voltage detecting system with UO-interface e.g. CAPDIS, KVDS or CAVIN.

Alternatively: Connection to voltage transformer.

## User adjustable parameters

## Indication of function and earth fault direction by LEDs

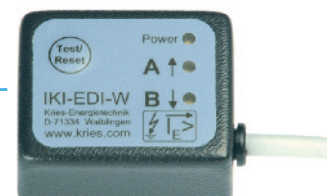
## Dry contacts for remote monitoring

## Self test function

Activation by test button.



Integrated voltage detecting system with capacitive UO-interface



Operating module IKI-EDI-W-UO for capacitive UO-interface



IKI-LINE

# IKI-EDI-W

Earth-fault transient relay

## Technical data

### Evaluation Unit IKI-EDI-W-A

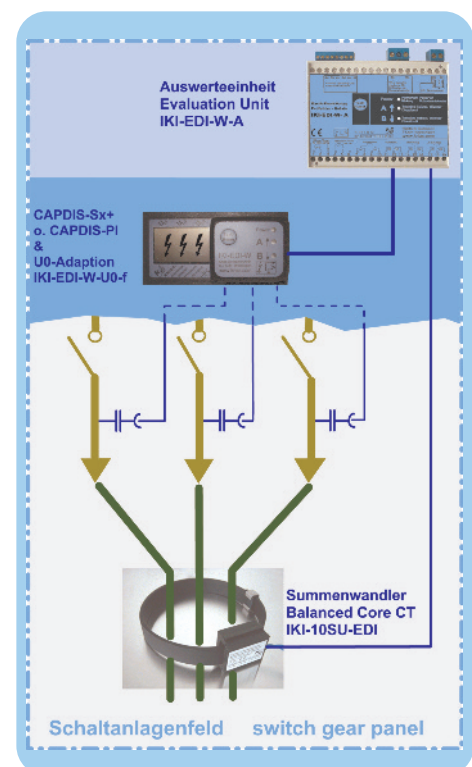
Auxiliary power supply:	24 ... 230 VAC/DC
Current measurement IO:	by balanced current transformer
Voltage measurement UO:	by operating module (see below) or open delta winding of voltage transformers
Dimensions:	h x w x d = 85 x 100 x 110 mm
Housing:	for mounting rail (DIN), plastics
Protection class:	IP54
Operating temperature:	-25°C to +55°C
Storage temperature:	-30°C to +70°C
Operation:	button for self-test and reset
Relays:	1 x NC, 1 x NO for B direction, 1 change-over contact for A direction 1 change-over contact for watchdog 1 change-over contact for impulse-current detection
Indication:	LEDs: direction A, B, power
Reset:	2 h / 4 h / automatically / remotely / manually
Part number:	2500130

### Operating module IKI-EDI-W-UO

Mounting:	to plug in the UO-interface of CAPDIS, CAVIN or KVDS
Indication:	LEDs: direction A, B, power
Operation:	button for self-test and reset
Connecting cable:	to IKI-EDI-W-A, l = 3 m (extendable)
Part number:	2500131

### Balanced current transformer

Inside diameter:	max. $\varnothing = 160$ mm
Ampacity:	150 A permanently
Core:	split core
Connecting cable:	to IKI-EDI-W-A, l = 3 m (extendable)
Part number:	2500608



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