



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



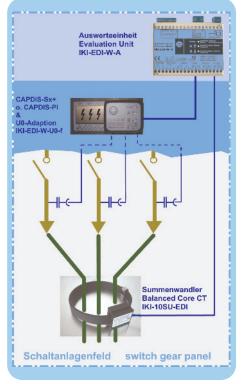
Operating module IKI-EDI-W-UO for capacitive UO-interface







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, I = 3 m (extendable)
Part number:	2500131
Balanced current transformer	
Inside diameter:	max. Ø = 160 mm
Ampacity:	150 A permanently
Core:	split core
Connecting cable:	to IKI-EDI-W-A, I = 3 m (extendable)
Part number:	2500608



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