

Manufactured by:



ComPass A

Short-circuit and Earth Fault Indicator with SCADA Interface



- Short-circuit and earth fault detection by 3 single-phase current transformers
- Phase selective current monitoring
- Multilingual OLED-display
- Remote signal via RS 485 / MODBUS Interface

Technical Specifications		Compass A
Functionality		
	Earth fault indication	•
	Short-circuit indication	•
Specialities		
	3-phase load current monitoring	•
	Residual current monitoring	•
Trip current / Response time		
Short-circuit	Trip current	50 A - 2000 A
	Response time	40 ms < t < 1 s
Earth fault	Trip current (insulated / compensated low impedance network)	20 A - 1000 A
	Response time	40 ms < t < 60 s
Display		
	LED	1
	OLED-Display (multilingual)	•
Signal inputs		
	Short-circuit and earth fault detection by 3 single-phase current transformers	•
Configuration		
	Menu navigation / MODBUS Interface	•
Remote signal		
	Potential-free relay contact	4
	RS485 / MODBUS Interface	•
Reset		
	Automatic time reset	1 min - 24 h
	Via external contact	•
	Via front-mounted test button	•
Power supply		
External supply		24-230 V AC/DC
Internal back up supply	Lithium battery	3.6 V
	Active time	> 1000 h
Housing		
Material	Glass fibre reinforced polycarbonate	•
Dimension	Width x height x depth	96 x 48 x 96 mm
Mounting	Plug-in housing	•
Characteristics		
	Operating temperature	-30° C to +70° C
	Degree of protection	IP40