

## Earth fault detector | FIX-0080

for monitoring a call system zone



### Function

- Detection of
  - earth faults from all SELV voltage potentials to PE
  - earth faults relating to clocked signals and bus signals
  - dangerous external voltage (AC and DC)
  - the supply voltage falling below 21.6 V DC
- Output via 2 relay outputs with changeover contact
- Forewarning function thanks to 2 separately adjustable trigger thresholds
- Indication of operating status by multicolored LEDs
- Function testing by simulation of a 100 K earth fault resistance
- Storage of 2,000 incidents in a ring memory for documentation purposes
- Configuration and documentation via a Bluetooth interface

### Feature

- Top-hat rail housing

### Scope of delivery

- FIX-0080 earth fault detector
- Configuration app (by email or download)
- These operating instructions (by email or download)

### Technical specifications

Dimensions (WxHxD):	17.5 x 99 x 114.5 mm, 1 TE
Weight:	110 g
Color:	Light grey, similar to RAL 7035
Operating voltage $U_N$ :	24 V DC +15 % / -25 %
Current consumption at $U_N$ :	Operation: max. 50 mA
Input resistance	3.3 M $\Omega$
Capacity of the monitored network to PE	max. 1 $\mu$ F
Load capacity of the relay outputs	24 V DC / 1 A
Protection class:	IP20
Ambient temperature:	During operation: 0...+40 °C In storage: 0...+50 °C
Humidity:	During operation: 10...90% non-condensing In storage: 5...95% non-condensing

### Required components

- Technical module for power supply monitoring FIX-0052