

Fault converter

Supplementary unit for reflectometers to locate humidity faults in cables



- **Detection of humidity faults in the cable**
- **Easy operation**
- **All parameters adjustable by keys**

DESCRIPTION

The Fault Converter enables the location of humidity faults on paired cables. The small unit is a very useful supplement for the Megger reflectometers (for example the Digiflex Com).

Reflectometers supporting the TDF-mode (Time Dependant Fault) and the IFL-mode (Intermittent Fault Location) facilitate the location of intermittent humidity faults in connection with the fault converter.

The Fault Converter injects a direct current into the defective cable. The humidity fault will be changed by electrolysis caused by polarity changes. This effect is visible as a changing reflection on the display of the reflectometer.

The periodical polarity change of the direct current intensifies the effect and simplifies the location of humidity faults. The reflectometer Digiflex Com supports the application with the specially developed TDF-mode (Time Dependent Fault).

Features

- Display of the output level by a LED-chain
- Adjustable output level
- Adjustable polarity changing frequency
- For all kinds of reflection measurements
- No crosstalk or influence on the data traffic on adjoining pairs
- Automatic shut off
- Battery monitoring
- Small handheld unit

TECHNICAL DATA*

Fault converter

Output voltage	< 120 V
Output current	max. 10 mA
External voltage protection	bis 400 V
Operation time	> 10 h
Usable pulse width	5 ns up to 5 μ s
Dimensions (W x H x D)	125 x 210 x 60 mm
Weight	approx. 800 g (without batteries)



ORDERING INFORMATION

Product	Order no.
Fault Converter incl. 2 safety test cable set, transport case, 8 batteries 1.5 V / LR 14, operation manual, quick guide	3024050

* We reserve the right to make technical changes.

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ISO 9001

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