

BT 500-IS-1

Cable fault converter



- **Overload protection**
- **Automatic discharge system**
- **For converting high-resistance faults in signal, control and telecommunications**
- **Sheath fault pinpointing combined with a sheath fault location unit**

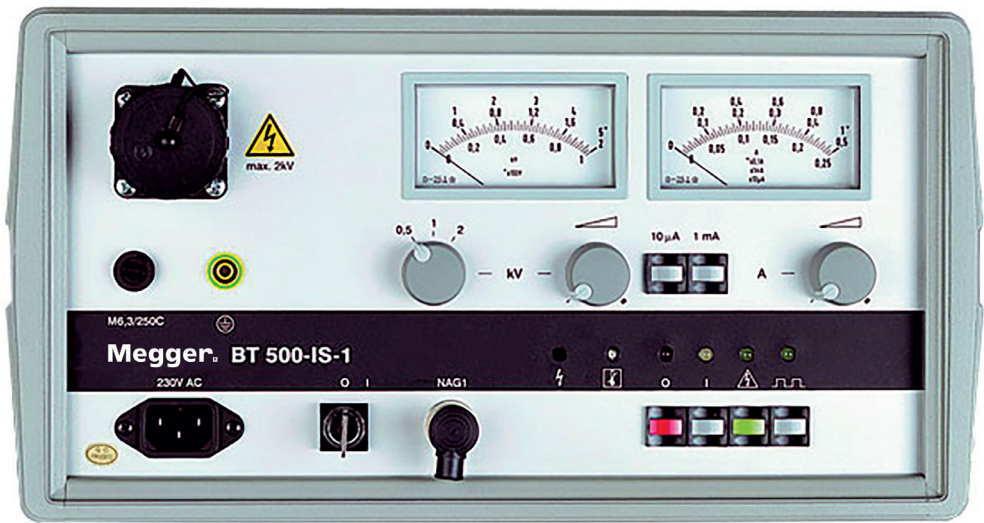
DESCRIPTION

The BT 500-IS-1 Cable Fault Converter is mainly used for converting high-resistance cable faults from signal, control and telecommunication cables into low-resistive ones. Its source of adjustable voltage (0 to 2 kV) has a balanced output, i. e. a faulty pair of wires can be connected to its output terminal and balanced to earth (ungrounded).

Moreover, our new Cable Fault Converter BT 500-IS-1 has even more special features including:

- Continuously adjustable output voltage in the ranges 500, 1000 and 2000 V
- Floating potential at either outputs
- Protection against overload through voltage and current control
- Fault location at reduced power to prevent damage to adjacent wires or cables

- Indication of voltage and current by two analog indicating instruments
- Automatic discharge unit provides removes residual charge and earths the test object
- Clock-controlled operation of the voltage source to prevent the drying-out of sheath faults during the pin pointing process



TECHNICAL DATA*

BT 500-IS-1

Installed load	700 VA
Mains connection	230 V/3 A (45/60 Hz)
Maximum flash-over current	1 A
Maximum flash-over voltage	2 kV
DC output	500 V/1 A 1000 V/0,5 A 2000 V/0,25 A
Current control	switching regulator
Voltage control	switching regulator
Dimensions (H x W x D)	200 x 360 x 360 mm
Weight	approx. 9 kg
Operation	- 10 °C ... + 50 °C
Storage	- 20 °C ... + 60 °C

ORDERING INFORMATION	
Product	Order no.
Burn down and sheath fault location unit 0-2 kV	810645
Set of cables	810001917
Options:	
Earth fault location unit ESG NT	1004629-S
Display unit, earth spike (2 pcs), test lead red, test lead black, contact sponge (2 pcs), soft carry bag with mold insert, batteries (6 pcs)	

* We reserve the right to make technical changes.

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