

## T 22/13 B 15 kV Burn-Down Unit



- **Short circuit proof**
- **Equipped with new circuitry to keep Burn-Down power constant**
- **Maximal Burn-Down current of 25A**
- **Burn-Down voltage continuously variable from 0 to 15 kV**
- **Indication of output current and voltage**
- **Integrated start interlock circuit and discharging device**
- **Pulse mode for earth fault location**

---

### DESCRIPTION

The 15 kV Burn-Down Unit T 22/13 B is a very powerful, portable, high voltage unit which is primarily used for locating faults in power cables of the low and medium voltage, mains, as well as in control cables.

The high output power and short circuit of the unit make it possible in many cases to convert high impedance and intermittent cable faults into low impedance shunts up to dead short circuits without difficulty or to dry wet cable sections.

The shockproof enclosure of all high voltage parts of the unit and automatic discharging of the test object after shutdown/power failure guarantee maximum protection for the operator and the equipment.

### USE

The unit acts as a current source for locating faults in power and control cables. It is primarily used for burning down high impedance and intermittent cable faults in low and medium voltage power supply networks.

In addition, it can be used in conjunction with the appropriate connecting devices and a time domain reflectometer (TDR) for prelocation with the Decay/Arc Reflection Method.

**TECHNICAL DATA\***

**T 22/13 B**

<b>Power supply</b>	200/240 V; 50 Hz (110 V, 60 Hz on request)
<b>Power consumption</b>	max. 16 A – 3,5 kVA
<b>Output voltage</b>	max. 15 kV
<b>Effective output current</b>	300 mA
<b>Max. current</b>	25 A
<b>Overload protection for</b>	mains transformer, diodes, earth protection resistor
<b>Pulse mode circuit</b>	for earth leakage measurement with step voltage probe
<b>Dimensions (W x H x D)</b>	548 x 585 x 254 mm (19" housing) (approx. 21,5" x 23" x 10")
<b>Weight</b>	approx. 45 kg

**FEATURES**

- Short-circuit proof
- Provides a new circuit to maintain the burning power
- Maximum burning current of 25 A
- Continuous setting of the high voltage from 0 to 15 kV
- Built-in latch and unloader
- Clock for earth fault detection

**ORDERING INFORMATION**

<b>Product</b>	<b>Order no.</b>
<b>Burn-Down Unit T22/13</b>	<b>892502127</b>
15 kV Burn-Down Unit T 22/13 B, terminal, earth cable 25mm <sup>2</sup> 2,5m, earth terminal, double connecting cable, mains leading 4m	

The information in this document is subject to change without notice and should not be construed as a commitment by Megger Germany. Megger Germany assumes no responsibility for any errors that may appear in this document.

**SALES OFFICE**

Megger Germany GmbH  
Dr.-Herbert-lann-Str. 6  
D-96148 Baunach  
T +49 9544 68-0  
E team.international@megger.com

**T22-13B\_DS\_EN\_V03**

www.megger.com  
ISO 9001  
The word 'Megger' is a registered trademark

**Megger**<sup>®</sup>