

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

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 shut-down/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.

## Performance features

- Short circuit proof
- Equipped with new circuitry to keep Burn-Down power constant
- Maximal Burn-Down current of 25
- 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 leakage



## Technical Data:

Power supply	200/240 V; 50 Hz (110 V, 60 Hz on request)
Power consumption	max. 16 A – 3,5 kVA
Output voltage	max. 15 kV
Effective output current	300 mA
Max. current	25 A
Overload protection for	mains transformer, free-wheeling diodes, earth protection resistor
Pulse mode circuit	for earth leakage measurement with step voltage probe
Dimensions	548 x 585 x 254 mm (19 " housing) (approx. 21,5" x 23 " x 10" )
Weight	approx. 57 kg (126 lbs)

## Ordering information

15 kV Burn-Down Unit                      **Article No. 250 2127**  
T 22/13 B

The basic equipment comprises the following:

1 pc. 15 kV Burn-Down Unit	T 22/13 B
1 pc. Terminal	0406
1 pc. Earth cable	0313
1 pc. Earth terminal	0403
1 pc. Double connecting cable	0335
1 pc. Mains leading	L304
1 pc. Operation manual	