

# Burn unit 15 kV

The BG 15-D25 burn unit is a powerful, portable, high voltage device that is primarily used for cable fault location in low and medium voltage networks as well as in control cables. The high output power and short-circuit protection of the device enables the conversion of high impedance and intermittent cable faults

into low impedance shunts up to dead short circuits without any problem. Additionally, it can be used in combination with appropriate connecting devices and time domain reflectometers for pre-location using the Arc Reflection Technique (ART).



- *High current, short-circuit resistant*
- *Safe conversion of high impedance and intermittent cable fault types*

## FEATURES

- short-circuit resistant
- maximum burn current of 25 A
- burning power is maintained constant
- continuous setting of burning voltage from 0 to 15 kV
- display of output current and output voltage
- automatic discharging of the test object after switching off
- integrated switch-on interlock and discharging device

## SPECIFICATIONS: BG 15-D25

### Operating modes

- output voltage ..... 15 kV
- output current ..... 300 mA
- with power matching ..... 25 A

### Specific characteristics

- overload protection for ..... transformer
- ..... free wheeling diodes
- ..... earth protection resistor

### Power supply

- mains voltage ..... 230 V, 50/60 Hz
- power consumption ..... max. 3500 VA

### Environment

- operating temperature ..... - 20 °C up to + 50 °C
- storage temperature ..... - 40 °C up to + 70 °C
- IP rating ..... IP 40

### Mechanical data

- dimensions (L x W x H) ..... 254 x 585 x 548 mm
- weight ..... approx. 57 kg

## SCOPE OF SUPPLY

- burn unit BG 15-D25
- set of connecting cables
- user manual

## SCOPE OF SUPPLY OPTION

- coupling device ART
- reflectometer InterFlex 130