

## Data Sheet



### Burn Down Transformer ATG 2

The burn down transformer ATG 2 is used to decrease the impedance of cable faults in medium and low voltage cable networks. The short circuit proof 2.2 kVA transformer provides a maximum voltage of 10 kV and is enclosed in a fully encapsulated 19" housing. The output voltage can be selected in 6 ranges and switched over even at full load. Additionally in each step voltage and current can be limited separately via potentiometer.

#### Features:

- output voltage up to 10 kV DC
- maximum power consumption 2.2 kVA
- optimized output voltage ranges
- electronic control of voltage and current
- automatic switch-off in case of overtemperature
- acoustic alarm in case of overtemperature
- fully automatic discharge device
- switch-on interlock for high voltage
- safety control according to VDE 0104
- output socket for optional remote Emergency-Off unit with signal lamps
- circuit for external  $\Omega$  meter

## Technical data

		ATG 2
Mains supply		220 - 230 V 110 - 120 V with external autotransformer
Mains frequency		45 Hz up to 60 Hz
max. power consumption (at short circuit)		2.300 VA
max. output voltage		10 kV
output current AC	at 60 V~	32 A
	at 230 V~	8.5 A
(continuous current) DC	at 800 V-	2.0 A
	at 2.600 V-	0.6 A
	at 6.400 V-	0.24 A
	at 10.000 V-	0.16 A
max. load capacity		10 $\mu$ F
internal discharge resistance		100 k $\Omega$
Dimensions of the housing (W x H x D)		502 x 255 x 390 mm
Weight		41 kg

### Delivery includes:

- Burn down transformer ATG 2 without accessories
- HV connection cable, fix mounted
- Mains connection cable
- Ground line 3 m long
- Jumper plug for Emergency-Off socket
- Operating manual

### Options:

- Hinged stand for 19" units up to 5U; working height approx. 90 cm
- Discharge rod ES 45; 6 kW
- External Emergency-Off unit with signal lamps; cable length 25 m
- External Emergency-Off unit with signal lamps; cable length 50 m

