



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 Ω 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 µF
internal discharge resistance	100 kΩ
Dimensions of the housing (W x H x D)	502 x 255 x 390 mm
Weight	41 kg

Order instructions:

Please specify in each enquiry or order:

Burn Down Transformer ATG 2	413+001	
Delivery includes:	Standard	Selection
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		<input type="checkbox"/>
Discharge rod ES 45; 6 kW		<input type="checkbox"/>
Retrofit kit for pulse mode		<input type="checkbox"/>
External Emergency-Off unit with signal lamps; cable length 25 m		<input type="checkbox"/>
External Emergency-Off unit with signal lamps; cable length 50 m		<input type="checkbox"/>
Mains supply:		
<input type="checkbox"/> 110 V ~ bis 120 V ~ *)	<input type="checkbox"/> 220 V ~ bis 230 V ~	<input type="checkbox"/> 240 V ~

*) : Delivery includes external autotransformer; mains connection cable without termination, fix mounted

- Included in standard delivery
- Selectable (please mark with a cross or specify)

