Data Sheet

Burn Down Transformer ATG 6000

The powerful burn down transformer ATG 6000 is used to decrease the impedance of cable faults in medium and low voltage cable networks. The short circuit resistant 5.75 kVA transformer provides a maximum voltage of 15 kV and is enclosed in a fully encapsulated 19“ housing. The output voltage can be selected in 8 steps which can be switched over even at full load. Additionally in each step voltage and current can be limited separately via potentiometer.

Features:

- burn down voltage up to 15 kV DC
- maximum power consumption 5.75 kVA
- optimized output voltage steps
- individual electronic control of output voltage and output 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 lamp
- circuit for external Ω meter

ENSURING THE FLOW.

Technical data

		ATG 6000
Mains supply		220 - 240 110 - 120 V with external autotransformer
Mains frequency		45 Hz up to 60 Hz
max. power consumption (at short circuit)		5.750 VA
max. output voltage		15 kV
output current (effective current)	at 60 V~	90 A
	at 230 V~	23 A
	at 500 V~	11 A
	at 1.500 V~	3.5 A
	at 2.600 V~	2.0 A
(continuous current)	at 5.000 V-	1.0 A
	at 8.500 V-	0.65 A
	at 15.000 V-	0.35 A
max. load capacity		14 µF
internal discharge resistance		15 kΩ
Dimension of the housing (B x H x T)		514 x 654 x 700 mm
Weight		92 kg

Delivery includes:

- Burn down transformer ATG 6000 without accessories
- HV connection cable, fix mounted; 4 m long
- Mains connection cable; fix mounted
- Ground line with ground terminal; 4 m long
- Operating manual

Options:

- 19" housing 14U; 400 mm deep; without carrying bars
- 1 pair of heavy duty carrying bars for 19" housing, 400 mm deep
- Discharge rod ES 45; 6 kWs
- Retrofit kit for pulse mode
- External Emergency-Off unit with signal lamps; cable length 25 m
- External Emergency-Off unit with signal lamps; cable length 50 m

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