

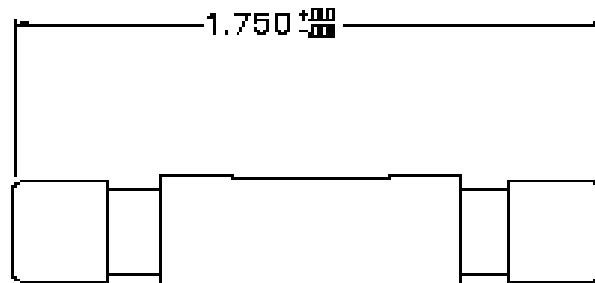
tii 31-B**Maximum Duty Gas
Discharge Tube Surge
Arrester**

Immediate and Consistently
Accurate Response

Balanced Three-Electrode Gas
Tube

Self-Restoring

RoHS Compliant*



tii 31-B

SPECIFICATIONS

DC Breakdown Line - Ground @ 2000 V/s	300-500 Volts
DC Breakdown Line - Line @ 2000 V/s	< 750 Volts
Impulse Breakdown Line - Ground @ 100 V/μSec.	750 Volts Max
Insulation Resistance @ 50 V DC	1000 MΩ Min.
Capacitance @ 1Mhz, 0 V DC (a/b-e)	5pf. Max.
DC Holdover @ 200 mA	135 Volts Typ.
AC Discharge Current (11 Cycles, 60 HZ, 65A Both Sides Simultaneously)	130 Amps RMS
Transition Time	1/2μSec. Max.
Service Life	
Max. Single Impulse Discharge Current (8/20 Waveform, 20 kA Both Sides Simultaneously)	40 kA
10/1000 Waveform, 1 kA (500A Both Sides Simultaneously)	1000 Applications
Operating Temperature Range	-40° C to 200° C

**ORDERING
INFORMATION**

Model No.	Description
tii 31-B	Maximum Duty Gas Discharge Tube Surge Arrester
Standard Package:	100 pieces
Weight:	0.0063 lbs. each



tii network technologies

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PLEASE REFER TO <http://www.tiinettech.com/> FOR THE LATEST REVISION

*Compliant as of 10/01/2007

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