

Gas Discharge Tubes

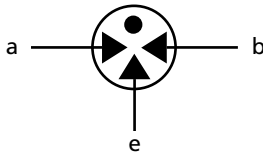
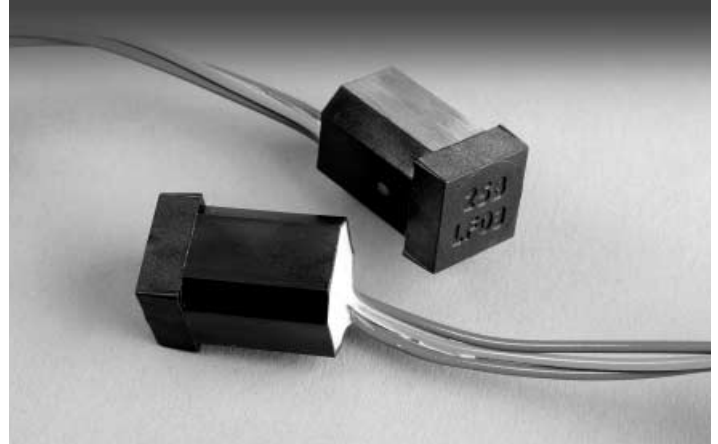
Modified Protector

18A/18B Series Potted Gas Plasma Arresters



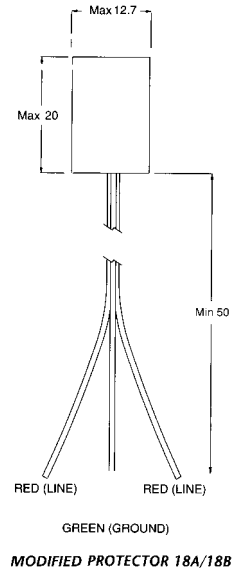
Features

- Conforms to BT specifications D2982B
- Hermetically sealed enclosure for use in underground joints and pole tops.
- Flying leads for easy connection to IDC or screw terminals.
- High surge capability
- Conforms to BT specification D2982B
- Flame retardent materials to UL 94V0



3 ELECTRODE GDT
 a=TIP
 b=RING
 e=GROUND
 (centre electrode)
 GRAPHICAL SYMBOL

All dimensions in mm



**LITTELFUSE 3 TERMINAL POTTED ARRESTERS, 18A, 18B,
 CONFORMS TO BT SPECIFICATION D2982B TOTALLY
 NON-RADIOACTIVE, UL RECOGNIZED**

Electrical Characteristics	DC Sparkover ¹ (V)	Max Impulse Sparkover ² (V)	Alternating Discharge Current ³ (A)	Impulse Discharge Current ⁴ (kA)	Insulation Resistance ⁵ (Ω)	Max Capacitance ⁶ (pF)	Holdover ⁷ (V)
18A	210-310	800	5	5	1x10 ⁸	30	100
18B	400-500	1000	5	5	1x10 ⁸	30	100

- (1) Measured using a rate of rise of voltage of 100V/s.
- (2) Measured using a rate of rise of voltage of 1KV/μsec.
- (3) Measured at 1 sec duration, 5 shots @ 3 min intervals, 50Hz.
- (4) Measured using 8/20μsec, 5 shots each polarity.
- (5) Measured at ±170V dc (18A) or ±350V dc (18B).
- (6) Measured at 1 MHz, Line to ground.
- (7) Measured using BT test circuit.

ORDERING INFORMATION

**PROTECTOR 18A
 PROTECTOR 18B**

GAS DISCHARGE TUBES