

Gas Discharge Tubes

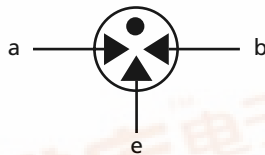
Modified Protector

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

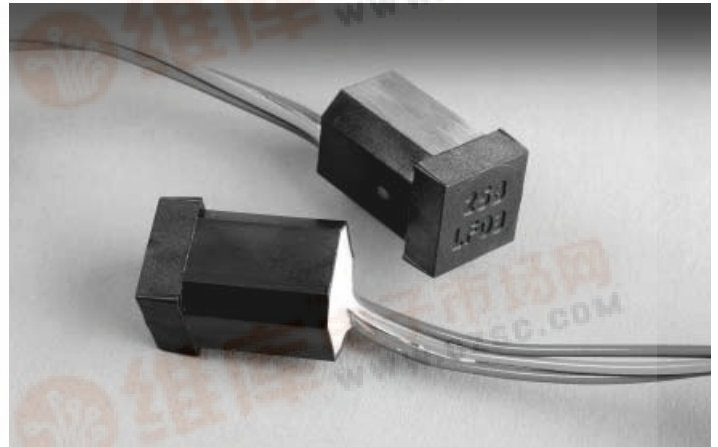
a=TIP

b=RING

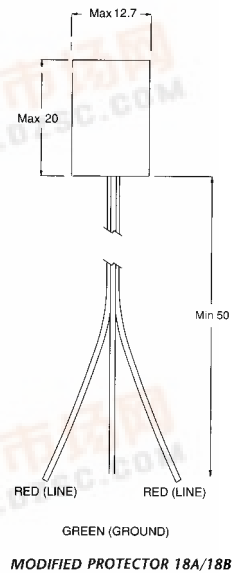
e=GROUND

(centre electrode)

GRAPHICAL SYMBOL



All dimensions in mm



MODIFIED PROTECTOR 18A/18B

**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**