

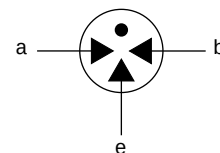
protector 18A/18B/18C

SEMITRON GREENTUBE™ SERIES

3 TERMINAL, POTTED ARRESTERS, 18A, 18B, 18C

TOTALLY NON-RADIOACTIVE

CONFORMS TO BT SPECIFICATION D2982B



3 ELECTRODE GDT

a=TIP

b=RING

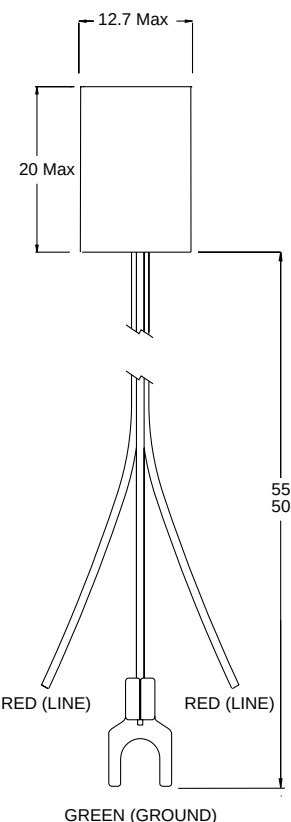
e=GROUND

(centre electrode)

GRAPHICAL SYMBOL

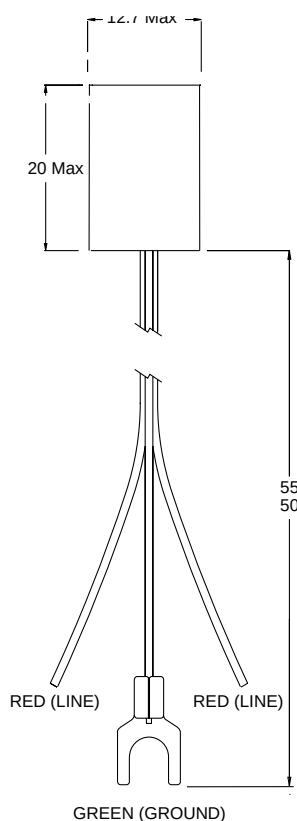
ELECTRICAL CHARACTERISTICS		18A	18B	18C	
DC SPARKOVER	(V)	210 - 310	400 - 550	210 - 310	(i)
IMPULSE SPARKOVER (max)	(V)	800	1000	800	(ii)
ALTERNATING DISCHARGE CURRENT	(A)	5	5	5	(iii)
IMPULSE DISCHARGE CURRENT	(KA)	5	5	5	(iv)
INSULATION RESISTANCE	(Ω)	1×10^8	1×10^8	1×10^8	(v)
CAPACITANCE (max)	(pF)	30	30	30	(vi)
HOLDOVER	(V)	100	100	100	(vii)

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



All dimensions in mm

PROTECTOR 18C



All dimensions in mm

PROTECTOR 18A/18B

ORDERING INFORMATION

PROTECTOR 18A

PROTECTOR 18B

PROTECTOR 18C

All products are sold to the commercial specifications shown, for any additional reliability testing or extended parameters, please consult the factory.