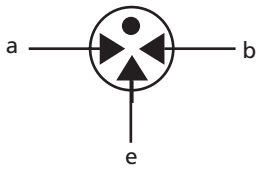
New Improved Littelfuse 1026 maximum duty arrester series



3 ELECTRODE GDT

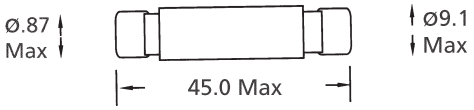
a=TIP
b=RING
e=GROUND
(centre electrode)

GRAPHICAL SYMBOL

55 KILO AMPS CAPABILITY. (SINGLE SHOT)
40 KILO AMPS CAPABILITY. REPETITIVE

LITTELFUSE MAXIMUM DUTY 3 TERMINAL ARRESTER
TOTALLY NON-RADIOACTIVE, UL RECOGNISED

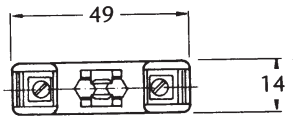
ELECTRICAL CHARACTERISTICS		275V	400V	700V	
DC sparkover	(V)	200-350	300-500	490-910	(i)
Impulse sparkover (max)	(V)	800	900	1000	(ii)
Alternating discharge current	(A)	40	40	40	(iii)
Impulse discharge current	(KA)	40	40	40	(iv)
Insulation resistance	(Ω)	2 x 10	2 x 10	2 x 10	(v)
Capacitance (max)	(pF)	2.5	2.5	2.5	(vi)
Holdover	(V)	150	150	150	(vii)
Gap to gap transfer time	(ns)	100	100	100	(viii)
Voltage colour code		BLACK	YELLOW	RED	
Type colour code		BLACK	BLACK	BLACK	
Impulse discharge current Single shot	KA	55	55	55	

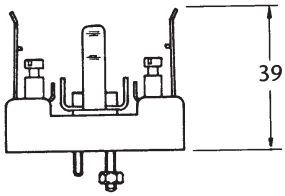


(i) End to centre or end to end, measured using a rate of rise of voltage of 100V/s.
(ii) End to centre, measured using a rate of rise of voltage of 1KV/µsec.
(iii) Measured at 1 sec duration, 5 shots @ 3 min intervals, 50Hz.
(iv) Measured at 8/20µsec, 5 shots each polarity between one end and centre.
(v) Measured at ± 100V dc.
(vi) Measured at 1 MHz, end to centre.
(vii) Measured using test based on ITU (formally CCITT) K12, section 4.2, test 3, with PS2 set to 0V & PS1 variable.
(viii) Measured using a voltage rising at 1kV/µs (relative to the centre electrode) applied simultaneously to both end electrodes via separate 1k resistors.

These devices are designed so that the failure mode is most likely to be open circuit rather than short-circuit. They may be used as a replacement for the 16 series (now obsolete) to handle higher a.c. fault currents.

TYPE 1053





All dimensions in mm

ORDERING INFORMATION

SL 1026 – _ _ _ _

Voltage