

VACUUM THERMAL DELAY SWITCH

GENERAL

This vacuum switch is a specially designed double action delay switch with the operating parts enclosed in an evacuated glass bulb thereby rendering the action immune from atmospheric influences.

ACTION

The filament is mounted adjacent to a centre movable contact with one side connected to this contact and then to the centre pin of the 5 pin base.

When the filament is cold the contact is closed between the centre pin on the base and a fixed contact which is in connexion with the Anode pin of the base.

When the filament is Hot the contact between the Anode pin and the centre pin opens and contact is then made between the centre pin and the grid pin.

The delay time for the opening of the first contact and the closing of the second contact is 35 secs. approximately while that for the return action on switching the filament off is 85 secs. It will be seen therefore that the maximum time for the complete cycle is of the order of 120 secs.

RATING

Filament Voltage (volts)	4.0
Filament Current (amps)	1.5
Delay Time at 4 volts (secs)	
for closure of 2nd contact	35
Time for complete cycle (secs)	120
Maximum Peak Current @ 250v. (amps)	5
Maximum Peak Current @ 500v.	200 mA

DIMENSIONS

Maximum Overall Length (mm)	• 116 N.I.P.
Maximum Diameter (mm)	45

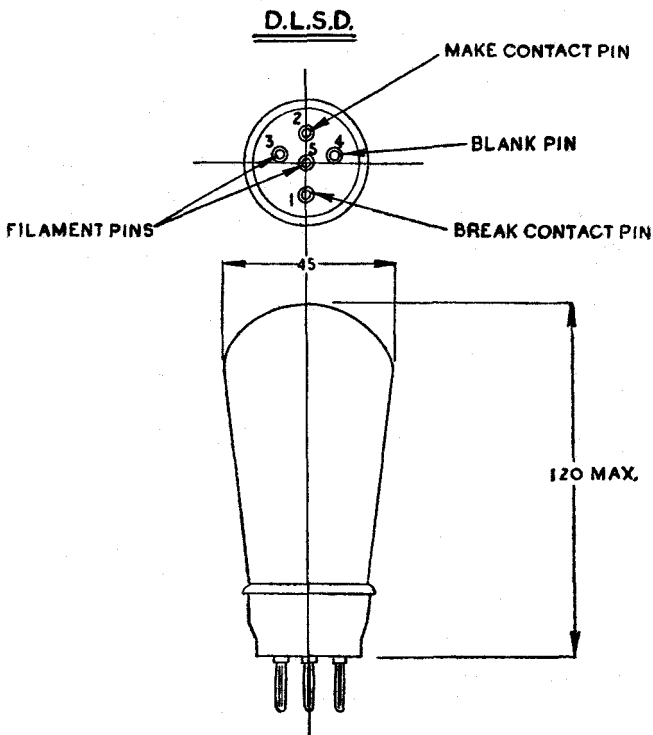
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ALL DIMS IN m.m. UNLESS
STATED OTHERWISE