

**DLS24**  
**VACUUM THERMAL DELAY SWITCH**  
**REVERSE ACTION**

**GENERAL**

The DLS24 is a Miniature based Reverse Action Vacuum Thermal Delay Switch having AC switch ratings of 1 amp at 240 volts or 200 mA at 500 volts. It has a heater rating of 0.5 amps at 6.3 volts and a switch opening delay time of from 30 to 90 seconds, the switch being closed when cold. It is compensated to maintain a constant opening delay time in the ambient temperature range  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ .

**RATING**

Heater Voltage (volts)	$V_h$	6.3
Heater Current (amps)	$I_h$	0.5
Minimum Delay Time (secs)	$t_{sd}(\text{min})$	30
Maximum Delay Time (secs)	$t_{sd}(\text{max})$	90
Maximum Switch Current at 240 volts (r.m.s.) (AC) (amps)	$I(\text{r.m.s.}) \text{ max}$	1.0
Maximum Switch Current at 500 volts (r.m.s.) (AC) (mA)	$I(\text{r.m.s.}) \text{ max}$	200
Maximum Heater to Contact Voltage (volts)	$V_{h-c}$	200
Heater Resistance (cold) (ohms)	$r_h (\text{min})$	1.3

**DIMENSIONS**

Maximum Overall Length	(mm)	54
Maximum Seated Height	(mm)	48
Maximum Diameter	(mm)	19
Approximate Nett Weight	(ozs)	$\frac{1}{2}$
Approximate Packed Weight	(ozs)	$\frac{3}{4}$

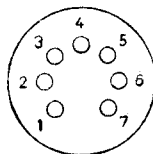
**MOUNTING POSITION**—Unrestricted

**OPERATION**

See 'Application notes on Vacuum Thermal Delay Switches.'

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BASE—B7G



Viewed from free end of pins

VALVE HOLDER—Ediswan Clix VH337/702 and VH437/702 series.

**CONNECTIONS**

Pin 1	Heater	h
Pin 2	No Connection	NC
Pin 3	Moving Contact	cm
Pin 4	Fixed Contact	cf
Pin 5	No Connection	NC
Pin 6	No Connection	NC
Pin 7	Heater	h