EDISWAN
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°C to +85°C.

RATING
Heater Voltage (volts) \( V_h \) 6.3
Heater Current (amps) \( I_h \) 0.5
Minimum Delay Time (secs) \( t_{sd(min)} \) 30
Maximum Delay Time (secs) \( t_{sd(max)} \) 90
Maximum Switch Current at 240 volts (r.m.s.) (AC) (amps) \( I_{r.m.s.} \text{ max} \) 1.0
Maximum Switch Current at 500 volts (r.m.s.) (AC) (mA) \( I_{r.m.s.} \text{ max} \) 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) \( \frac{1}{4} \)
Approximate Packed Weight (ozs) \( \frac{1}{2} \)

MOUNTING POSITION—Unrestricted

OPERATION
See ‘Application notes on Vacuum Thermal Delay Switches.’

May 1960

RADIO & ELECTRONIC COMPONENTS DIVISION
ASSOCIATED ELECTRICAL INDUSTRIES LTD.
EDISWAN
DLS24
VACUUM THERMAL DELAY SWITCH
REVERSE ACTION

BASE—B7G

Viewed from free end of pins

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

<table>
<thead>
<tr>
<th>CONNECTIONS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin 1</td>
<td>Heater</td>
<td>h</td>
</tr>
<tr>
<td>Pin 2</td>
<td>No Connection</td>
<td>NC</td>
</tr>
<tr>
<td>Pin 3</td>
<td>Moving Contact</td>
<td>cm</td>
</tr>
<tr>
<td>Pin 4</td>
<td>Fixed Contact</td>
<td>cf</td>
</tr>
<tr>
<td>Pin 5</td>
<td>No Connection</td>
<td>NC</td>
</tr>
<tr>
<td>Pin 6</td>
<td>No Connection</td>
<td>NC</td>
</tr>
<tr>
<td>Pin 7</td>
<td>Heater</td>
<td>h</td>
</tr>
</tbody>
</table>

May 1960

RADIO & ELECTRONIC COMPONENTS DIVISION
ASSOCIATED ELECTRICAL INDUSTRIES LTD.