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) \( V_h \)
Heater Current (amps) \( I_h \)
Minimum Delay Time (secs) \( \tau_{sd(min)} \)
Maximum Delay Time (secs) \( \tau_{sd(max)} \)
Maximum Switch Current at 240 volts (r.m.s.) (AC) (amps) \( I(r.m.s.) \text{ max} \)
Maximum Switch Current at 500 volts (r.m.s.) (AC) (mA) \( I(r.m.s.) \text{ max} \)
Maximum Heater to Contact Voltage (volts) \( V_{h-c} \)
Heater Resistance (cold) (ohms) \( R_h \text{ (min)} \)

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) \( \frac{1}{3} \)

MOUNTING POSITION—Unrestricted

OPERATION
See 'Application notes on Vacuum Thermal Delay Switches.'
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REVERSE ACTION

BASE—B7G

![Pin Diagram]

Viewed from free end of pins

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

**CONNECTIONS**

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

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