MAZDA
DLS15 & DLS16
VACUUM THERMAL DELAY SWITCHES

GENERAL
The DLS.15 and DLS.16 are designed for similar applications as the DLS.10 but are intended to fill the demand for a delay switch of reduced dimensions.

RATING

<table>
<thead>
<tr>
<th></th>
<th>DLS.15</th>
<th>DLS.16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filament Voltage (volts) $V_f$</td>
<td>4</td>
<td>6.3</td>
</tr>
<tr>
<td>Filament Current (amps) $I_f$</td>
<td>.75</td>
<td>.48</td>
</tr>
<tr>
<td>Delay Time (secs)</td>
<td>min. 30 - max. 90</td>
<td></td>
</tr>
<tr>
<td>Maximum Mean Current (Low Voltage Rating) $I_{pk}$</td>
<td>5 amps @ 240 v.</td>
<td></td>
</tr>
<tr>
<td>Maximum Mean Current (High Voltage Rating) $I_{pk}$</td>
<td>100 m/a @ 1,000 v.</td>
<td></td>
</tr>
</tbody>
</table>

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>DLS.15</th>
<th>DLS.16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Overall Length (mm)</td>
<td>60 N.I.P. *</td>
<td></td>
</tr>
<tr>
<td>Maximum Diameter (mm)</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>Maximum Height (mm)</td>
<td>60</td>
<td>65</td>
</tr>
</tbody>
</table>

* Not Including Pins

MOUNTING POSITION - Unrestricted.

BASE

<table>
<thead>
<tr>
<th></th>
<th>DLS.15</th>
<th>DLS.16</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.V.A. 4 pin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pin 1 - Fixed Contact
Pin 2 - Moving Contact
Pin 3 - Filament
Pin 4 - Filament

Pin 1 - Filament
Pin 2 - Moving Contact
Pin 3 - Filament
Pin 4 - Moving Contact
Pin 5 - Fixed Contact
Pin 6 - Fixed Contact
Pin 7 - Filament
Pin 8 - Filament

IMPORTANT NOTE
To prevent any potential difference existing between the moving contact and heater, the two should be tied externally.
MAZDA
DLS15 & DLS16
VACUUM THERMAL DELAY SWITCHES

DLS.15

SWITCH CONTACT PINS
FILAMENT PINS

32

60

STANDARD 4 PIN B.V.A. BASE

DLS.16

SWITCH CONTACT PINS
FILAMENT PINS

32

65

INTERNATIONAL OCTAL BASE

February 1950
VALVE & CRT DIVISION
SIEMENS EDISON SWAN LIMITED