EDISWAN
DLS10
VACUUM THERMAL DELAY SWITCH

GENERAL
The DLS10 is a Vacuum Thermal Delay Switch with an AC switch rating of 6 amps at 250 volts, or 200 mA at 1,000 volts. It has a heater rating of 1.5 amps at 4 volts, and switch closure delay times of from 30 to 90 seconds, the switch being open when cold.

RATING
Heater Voltage (volts) $V_h$ 4.0
Heater Current (amps) $I_h$ 1.5
Minimum Delay Time (secs) $t_{sd(min)}$ 30
Maximum Delay Time (secs) $t_{sd(max)}$ 90
Maximum Switch Current at 250 volts r.m.s. (AC) (amps) $I_{(rms)max}$ 6
Maximum Switch Current at 1 kV r.m.s. (AC) (mA) $I_{(rms)max}$ 200

DIMENSIONS
Maximum Overall Length (mm) 150
Maximum Seated Height (mm) 120
Maximum Diameter (mm) 45
Approximate Nett Weight (ozs) 1½
Approximate Packed Weight (ozs) 2½

MOUNTING POSITION—Unrestricted

Indicates a change

April 1958
INDUSTRIAL
VALVE & CRT DIVISION
Issue 2/7
SIEMENS EDISON SWAN LIMITED
EDISWAN

DLS10

VACUUM THERMAL DELAY SWITCH

OPERATION

See "Application notes on Vacuum Thermal Delay Switches"

BASE—British 4 pin (B4)

![Diagram of 4-pin configuration]

Viewed from free end of pins

VALVE HOLDER—Ediswan Clix VH42/4, VH300/4

CONNECTIONS

<table>
<thead>
<tr>
<th>Pin</th>
<th>Connection</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fixed Contact</td>
<td>cf</td>
</tr>
<tr>
<td>2</td>
<td>Moving Contact</td>
<td>cm</td>
</tr>
<tr>
<td>3</td>
<td>Heater</td>
<td>h</td>
</tr>
<tr>
<td>4</td>
<td>Heater</td>
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</table>

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EDISWAN
DLS.10
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CHARACTERISTIC CURVES OF AVERAGE
EDISWAN
THERMAL DELAY SWITCH
DLS.10

MINUTES

0 10 20 30 40 50

VOLTS

0 2 3 4

August 1948
RADIO DIVISION
THE EDISON SWAN ELECTRIC COMPANY LTD.