

ELECTRONIC TUBE REFERENCE

DLS19

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA  
1 SECTION  
CONSTRUCTION  
THERMALDELAYSWITCH

Miniature vacuum thermal-delay switch. Heater warm-up actuates sealed contacts after a controlled interval for sequencing and equipment protection.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | B7G               | BASE PINS            | 7             |
| NOMINAL HEATER      | 6.3 V / 500 mA    | PARALLEL HEATER      | – / –         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                             |
|-----------------------------|
| SECTION1 ThermalDelaySwitch |
| No fixed ratings recorded.  |

Miniature vacuum thermal delay switch.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1960 Mazda

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1960 MAZDA

## Section 1 · ThermalDelaySwitch

| CHARACTERISTIC     |                 |                  |
|--------------------|-----------------|------------------|
| PARAMETER          | PUBLISHED VALUE | CONDITION / NOTE |
| Minimum delay time | 35 s            | —                |
| Maximum delay time | 70 s            | —                |

| OTHER                           |                 |                  |
|---------------------------------|-----------------|------------------|
| PARAMETER                       | PUBLISHED VALUE | CONDITION / NOTE |
| Maximum heater-contact voltage  | 200 V           | —                |
| Maximum switch current at 250 V | 2 A             | —                |
| Maximum switch current at 500 V | 100 mA          | —                |



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1961 Associated Electrical Industries

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1961 ASSOCIATED ELECTRICAL INDUSTRIES

## Section 1 · ThermalDelaySwitch

| CHARACTERISTICS  |                 |                  |
|------------------|-----------------|------------------|
| PARAMETER        | PUBLISHED VALUE | CONDITION / NOTE |
| MinimumDelayTime | 35 s            | Closure          |
| MaximumDelayTime | 70 s            | Closure          |

| OTHER                       |                 |                  |
|-----------------------------|-----------------|------------------|
| PARAMETER                   | PUBLISHED VALUE | CONDITION / NOTE |
| MaximumSwitchCurrent250VAC  | 2 A             | —                |
| MaximumSwitchCurrent500VAC  | 100 mA          | —                |
| MaximumHeaterContactVoltage | 200 V           | —                |