

ELECTRONIC TUBE REFERENCE

CV342

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETRSwitch

Miniature thermal-delay switch, VLS631/CV342, designed to apply anode voltage only after associated valve cathodes have reached operating temperature.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
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 MicrowaveTRSwitch
<i>No fixed ratings recorded.</i>
<i>Explicit alternate designation printed on VLS631 datasheet.</i>

Miniature thermal delay switch, designated VLS631 (CV342), for applying anode voltage after cathode warm-up.



SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · MicrowaveTRSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal thermal delay	50 s	At 20 °C



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · MicrowaveTRSwitch

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal delay	50–60 s	At 20 C

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ambient temperature	-35–85 C	—
Maximum open-circuit contact voltage	220 VDC	—
Maximum contact current on make	1 A	—
Maximum surge current on make	5 A	—
Maximum current on break	100 mA	At 50 VDC

TUBE TINKER

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and their source documents.

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