

ELECTRONIC TUBE REFERENCE

G2402D

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RELAYCONTROL SWITCH

Cold-cathode gas-filled triode, printed G240/2D, for higher-power relay and counter applications. Its discharge provides heaterless electronic control.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1	RelayControlSwitch
MAXIMUM CATHODE CURRENT	30 mA
Published ratings/characteristics promoted where applicable.	

Cold-cathode gas-filled triode, printed as G240/2D, designed for higher-power relay and counter applications.



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 · RelayControlSwitch

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control-gap breakdown voltage	75 V	—
Control-gap maintaining voltage	65 V	—
Main-gap minimum breakdown voltage	240 V	—
Main-gap maintaining voltage	90 V	—
Transfer current at 200 V anode	10 uA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Optimum operating current	20 mA	—
Maximum peak cathode current	50 mA	—



SOURCE OPERATING CONDITIONS

1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Main Gap Breakdown Voltage Minimum	230 V	—
Main Gap Maintaining Voltage Minimum	90 V	—
Main Gap Maintaining Voltage Maximum	110 V	—
Control Gap Breakdown Voltage Nominal	75 V	—
Control Gap Breakdown Voltage Maximum	90 V	—
Main Gap Deionisation Time Nominal	8 ms	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Recommended Operating Current	20 mA	—
Maximum Peak Cathode Current	50 mA	—
Maximum Average/Direct Cathode Current	30 mA	—