



ELECTRONIC TUBE REFERENCE

CV1832

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

British 150 V gas voltage stabilizer operating over approximately 5–30 mA for heaterless shunt-regulation and reference service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B7G	BASE PINS	7
NOMINAL HEATER	– / –	PARALLEL HEATER	– / –
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Voltage Regulator	
REGULATOR VOLTAGE	150 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	30 mA
STARTING VOLTAGE	185 V
MAINTAINING VOLTAGE	150 V
Published ratings/characteristics promoted where applicable.	

Miniature cold-cathode gas-filled voltage stabiliser.

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 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal stabilising voltage	150 V	Published datasheet value
DC operating current minimum	5 mA	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC operating current maximum	30 mA	Published datasheet value

SOURCE OPERATING CONDITIONS

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	150 V	Approximate

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode current range	5 mA–30 mA	—
Striking voltage in normal lighting	185 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Striking voltage in total darkness	225 V	—

TUBE TINKER

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