



ELECTRONIC TUBE REFERENCE

STR7540

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Gas-filled 75 V stabilizer operating over approximately 5–40 mA, with a built-in radioactive starting aid for dependable ignition.

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

SECTION 1 Voltage Regulator	
REGULATOR VOLTAGE	75 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	40 mA
STARTING VOLTAGE	105 V
MAINTAINING VOLTAGE	75 V
DYNAMIC IMPEDANCE	100 Ω
<i>Published glow-discharge voltage-stabilizer characteristics.</i>	

A 75 V cold-cathode glow-discharge regulator with a radioactive starting aid; the source states that no harmful radiation is produced.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal maintaining voltage	75 V	—
Voltage variation over current range	4 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Current range	5 to 40 mA	—
Nominal current	20 mA	—
Radioactive starting aid	present	No harmful radiation stated by source