



ELECTRONIC TUBE REFERENCE

STR10830

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Cold-cathode gas voltage regulator for heaterless shunt stabilization; available source material does not establish more specific operating details.

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	108 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	30 mA
STARTING VOLTAGE	132 V
MAINTAINING VOLTAGE	108 V
DYNAMIC IMPEDANCE	100 Ω
Published glow-discharge voltage-stabilizer characteristics.	

Glow-discharge voltage stabilizer for automatic, inertia-free regulation of a DC voltage.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RegulatorVoltage	108 V	—
RegulatorCurrentMinimum	5 mA	—
RegulatorCurrentMaximum	30 mA	—
RegulatorStartingVoltage	132 V	—
RegulatorMaintainingVoltage	108 V	—
RegulatorDynamicImpedance	100 ohm	—