



ELECTRONIC TUBE REFERENCE

4376

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Gas-discharge surge arrester designed to protect lines and electronic apparatus against transient overvoltage by conducting when its breakdown threshold is exceeded.

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	
MINIMUM REGULATOR CURRENT	10 mA
MAXIMUM REGULATOR CURRENT	45 mA
DYNAMIC IMPEDANCE	100 Ω
<i>Philips neon stabiliser tube for voltage-regulator service.</i>	

Gas-discharge surge arrester for protection of lines and apparatus against transient overvoltage.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Philips Miniwatt Vacuum Tube Catalog

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

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Voltage Regulator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Running voltage	90–100 V	AtQuiescentCurrent=20mA
Quiescent current	20 mA	AtPublishedRunningVoltage
Maximum permissible current	45 mA	—
Lower current limit for stabilisation	10 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Striking voltage	100–110 V	—
Extinction voltage	83–83 V	—
AC resistance	100 ohm	Dynamic

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1957 Philips Receiving and Amplifying Tubes

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

1957 PHILIPS RECEIVING AND AMPLIFYING TUBES

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DeviceFunction	SurgeArrester	GasDischarge