

Indirectly heated rectifier for power-supply service. Its 20 V low-current heater suits series strings, while available manufacturer data do not support a narrower specialization.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Other	
TRANSCONDUCTANCE	0.0001 S
MAXIMUM PLATE VOLTAGE	15 V
MAXIMUM PLATE DISSIPATION	0.04 W
MAXIMUM CATHODE CURRENT	1.5 mA
Representative electrometer section; two dissimilar bridge systems are present in the source.	

A rectifier tube for high-voltage or power-supply service, with published heater data and rectifier operating or limiting ratings.

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 · Other

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heizspannung	20 V	Heizspannung 20 V
Heizstrom	100 mA	Heizstrom 100 mA
Steuergittersteilheit 5 0,1 0,1	0.075 mA	Steuergittersteilheit 5 0,1 0,1 0,075 mA/N
Anodenspannung Ua max	15 V	Anodenspannung Ua max 15 V
Anodenbelastung Na max	0.04 W	Anodenbelastung Na max 0,04 W
Raumladegitterspannung Ug1 max	8 V	Raumladegitterspannung Ug1 max 8 V
Raumladegitterbelastung Ng1 max	0.02 W	Raumladegitterbelastung Ng1 max 0,02 W
Katodenstrom Ik max	1.5 mA	Katodenstrom Ik max 1,5 mA
ca	20 V	ca 20V

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Betriebsspannung	12 V	Betriebsspannung 12 V
Anodenspannung	12 V	Anodenspannung 12 V
Anodenstrom	0.6 mA	Anodenstrom 0,6 mA
Steuergittervorspannung -Ug2 2,2 2,2	2.2 V	Steuergittervorspannung -Ug2 2,2 2,2 2,2 V
Gitterfehlstrom !92 < 1X10	12 A	Gitterfehlstrom !92 < 1X10-12 A

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

