



ELECTRONIC TUBE REFERENCE

RG100030001

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Half-wave rectifier for high-voltage power supplies. Its heavy filament and ampere-class output provide substantial current at multi-kilovolt voltage for industrial conversion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 6.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	1.4 A
PEAK FORWARD CURRENT	4 A
<i>Published ratings and characteristics promoted where unambiguous; additional source values preserved as parameters.</i>	

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 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	5 V	Nominal
HeaterCurrentNominal	6.5 A	Nominal
Maximum Peak Inverse Voltage	10000 V	—
Rectified Output Current	1.4 A	—
PeakForwardCurrent	4 A	—

TUBE TINKER

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and their source documents.

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