



ELECTRONIC TUBE REFERENCE

AZ11

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Directly heated full-wave rectifier for mains-operated electronic power supplies. Its four-volt filament and dual-diode structure provide moderate-current conventional power conversion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	4 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier

PEAK INVERSE VOLTAGE	500 V
NOMINAL OUTPUT CURRENT	120 mA

Published ratings and characteristics promoted where clearly stated; identical repeated sections compressed when applicable.

SECTION2 Rectifier

PEAK INVERSE VOLTAGE	500 V
NOMINAL OUTPUT CURRENT	120 mA

Second physical rectifier section; promoted electrical properties populated from identical section.

Directly heated full-wave rectifier with 4 V filament and transformer-voltage-dependent DC output ratings up to 120 mA.



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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	4 V	Published nominal value
Heater or filament current	1.1 A	Published nominal value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Rectified output current	120 mA	Published maximum or highest listed value

1953 RFT RUNDFUNK TECHNIK

Section 2 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	4 V	Published nominal value
Heater or filament current	1.1 A	Published nominal value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Electrical characteristics reference	AZ1	Published cross-reference

TUBE TINKER

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