

ELECTRONIC TUBE REFERENCE

AZ41

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Directly heated two-plate full-wave rectifier for conventional electronic power supplies. Its 4 V filament construction provides approximately 60 mA nominal rectified output through a dual-anode arrangement.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 720 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA
<i>Promoted from clearly identified published ratings/characteristics; additional operating points, capacitances, rectifier conditions, and application-specific values are retained in TUBE_SECTION_PARAMETER.</i>	

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA
<i>Second physical rectifier section; promoted electrical properties populated from identical section.</i>	

Directly heated two-plate full-wave rectifier for power-supply service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V1

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V1

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC supply voltage per plate maximum	500 V RMS	FullWave
DC output current maximum	60 mA	FullWave
Maximum input capacitor	50 μ F	CapacitorInputFilter

1963 PHILIPS ELECTRON TUBES HANDBOOK V1

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC supply voltage per plate maximum	500 V RMS	FullWave



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC Input Voltage	400 V	FullWave;PerPlate

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

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transformer secondary voltage	2x300 V RMS	—
Maximum DC output current	70 mA	TransformerVoltage=2x300V
Maximum DC output current	60 mA	TransformerVoltage=2x400V
Maximum DC output current	60 mA	TransformerVoltage=2x500V
Maximum filter input capacitance	50 uF	—

1999 PHILIPS 0-D

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transformer secondary voltage	2x300 V RMS	—
Maximum DC output current	70 mA	TransformerVoltage=2x300V

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker