



ELECTRONIC TUBE REFERENCE

FZ1

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Indirectly heated full-wave rectifier for conventional electronic power supplies. Its 13 V heater-cathode construction provides modest DC output for receiver and similar equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	13 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	50 mA
Published target-row operating and characteristic values reviewed.	

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	50 mA
Physical rectifier section 2; identical section values duplicated per physical-section policy.	

FZ1 is listed in the supplied valve table as a full-wave rectifier. Published operating and characteristic values were transcribed from its target row.



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 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	13 V	Published heater/filament rating
Heater/filament current	250 mA	Published heater/filament rating

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum RMS voltage per plate	2x250 V	FullWave
Maximum DC output current	50 mA	FullWave

TUBE TINKER

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and their source documents.

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