

ELECTRONIC TUBE REFERENCE

EZ2

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

Indirectly heated full-wave rectifier for conventional electronic power supplies. Its 6.3 V heater-cathode construction provides moderate-current DC output for receiver, amplifier, and similar equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA
MAXIMUM HEATER-CATHODE VOLTAGE	500 V
Published target-row operating and characteristic values reviewed.	

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA
MAXIMUM HEATER-CATHODE VOLTAGE	500 V
Physical rectifier section 2; identical section values duplicated per physical-section policy.	

EZ2 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	6.3 V	Published heater/filament rating
Heater/filament current	800 mA	Published heater/filament rating

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum RMS voltage per plate	2x500 V	FullWave
Maximum DC output current	60 mA	FullWave



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical datum	—	a a Die EZ 2 ist eine Zweiphasengleichrichterröhre mit .. 57
Published electrical datum	4 A	und Sockelanschlisse. Helzstrom v v .. Ir =04A

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical datum	60 mA	Héchstwert der Gleichstromabgabe von 60 mA gilt absolut und daher auch fiir
Published electrical datum	350 V	Leerlaufspannungen von 2x 300 und 2x 350 V
Published electrical datum	16 pF	betrigt maximal 16 pF bei 2x350 Volt und
Published electrical datum	32 µF	32 uF bei 2x300 Volt. Wenn der Innenwider-
Published electrical datum	600 Ohm	als der Mindestwert von 600 Ohm, ist er durch
Published electrical datum	600 Ohm	600 Ohm zu erhghen.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical datum	60 mA	Grofte Gleichstromabgabe Is = max. 60 mA
Published electrical datum	500 V	thode (absoluter Scheitelwert) . . . Vi = max.500 V
Published electrical datum	50 V	densators bei Vir = 2X350 V(erf) . . . C = max. 16 uF
Published electrical datum	32 µF	densators bei Vi = 2X300 Vief) . . . € = max.32 uF
Heater voltage	6.3 V	Nominal heater rating
Heater current	400 mA	Nominal heater rating