

ELECTRONIC TUBE REFERENCE

GZ32

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

Indirectly heated twin-anode full-wave rectifier for capacitor-input power supplies. Its five-volt heater and substantial current capability suit amplifiers and other demanding electronic DC supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 2.3 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1400 V
NOMINAL OUTPUT CURRENT	300 mA
Published ratings/characteristics promoted where clearly stated; repeated identical rectifier sections compressed to one section row.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1400 V
NOMINAL OUTPUT CURRENT	300 mA
Physical rectifier section 2; identical section values duplicated per physical-section policy.	

Twin-anode full-wave rectifier for capacitor-input power supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current capacitor-input	300 mA	CapacitorInputFilter
DC output current choke-input	250 mA	ChokeInputFilter

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 La Radiotechnique

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

1953 LA RADIOTECHNIQUE

Section 1 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	5 V	Published nominal value
Heater current	2.3 A	Published nominal value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum rectifier capacitor	60 uF	Capacitor-input service

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1967 Mullard Receiving Tubes for Maintenance

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

1967 MULLARD RECEIVING TUBES FOR MAINTENANCE

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
V _a (r. m. s.) max	500 V	Characteristic
I _{out} max	125 mA	Characteristic
I _{out} max	250 mA	Characteristic
with	5	Characteristic

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	5 V	Published nominal or stated operating value
Heater or filament current	2.3 A	Published nominal or stated operating value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum rectifier capacitor	60 uF	Capacitor-input filter

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Chauffage: indirect vt =	5 V	Chauffage: indirect vt = 5,0V
vtr = max	300 ma	vtr = max. 2x300 max. 2x350 max. 2x500 Vo
vtr = max	350 ma	vtr = max. 2x300 max. 2x350 max. 2x500 Vo
vtr = max	500 V	vtr = max. 2x300 max. 2x350 max. 2x500 Vo
I0 = maXe	300 ma	I0 = maXe 300 maxe 250 maxae 125 mA
I0 = maXe	250 ma	I0 = maXe 300 maxe 250 maxae 125 mA
I0 = maXe	125 mA	I0 = maXe 300 maxe 250 maxae 125 mA
vtr= max	400 ma	vtr= max. 2x400 max. 2x500 flflf
I, = max	300 ma	I, = max. 300 max. 250 mA
I, = max	250 mA	I, = max. 300 max. 250 mA
4001	60 pF	4001 0013+ C=60pF:
=3 st =	3 s	=3 st =
9.9.9949 A	9.9949 A	9.9.9949 A
400 Sl	400 S	400 Sl 77?9[//
2 A	2 A	2 A 1949.09.09

TUBE TINKER

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and their source documents.

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