



ELECTRONIC TUBE REFERENCE

0Z3

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Cold-cathode gas-filled full-wave rectifier for DC power supplies, requiring no conventional heater or filament supply. Ionized-gas conduction gives a relatively low forward drop while two rectifier sections provide full-wave operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
FORWARD VOLTAGE DROP	24 V
<i>Values promoted from published ratings/characteristics where identifiable.</i>	

SECTION2 Rectifier	
FORWARD VOLTAGE DROP	24 V
<i>Physical rectifier section 2; electrical properties populated from the same published ratings applicable to the identical rectifier path.</i>	

Cold-cathode gas rectifier for DC power-supply service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Voltage Output	300 Volts	DC Voltage Output 300 max. Volts
Starting Voltage	300 Volts	Starting Voltage 300 min. Volts
Voltage Drop (Dynamic)	24 Volts	Voltage Drop (Dynamic) 24 avg. Volts

1938 RAYTHEON

Section 2 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Voltage Output	300 Volts	DC Voltage Output 300 max. Volts
Starting Voltage	300 Volts	Starting Voltage 300 min. Volts
Voltage Drop (Dynamic)	24 Volts	Voltage Drop (Dynamic) 24 avg. Volts

TUBE TINKER

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