



ELECTRONIC TUBE REFERENCE

RG3250

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Mercury-vapor high-voltage half-wave rectifier, normalized from RG3-250. Its heavy filament and low arc voltage provide multiampere industrial output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	3 A
PEAK FORWARD CURRENT	3 A
<i>Gas-discharge device.</i>	

Mercury-vapor high-voltage rectifier normalized from printed type RG3-250, rated for 10 kV peak inverse voltage.



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
Peak Inverse Voltage	10000 V	—
Peak Anode Current	1 A	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Mullard Industrial Rectifiers

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

1962 MULLARD INDUSTRIAL RECTIFIERS

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average Cathode Current Used on Heating Curve	250 mA	HeatingCoolingCurve



1971 Mullard Gas Filled Tubes

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

1971 MULLARD GAS FILLED TUBES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse anode voltage	10 kV	—
Maximum average cathode current	3 A	—
Maximum peak cathode current	1 A	—
Maximum surge cathode current	1 A	Fault protection
Heater/filament voltage	2.5 V	—
Heater/filament current	5 A	—