



ELECTRONIC TUBE REFERENCE

4B27

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Gas-filled full-wave industrial rectifier for high-current power conversion. Its heavy filament and multiampere output capability suit substantial industrial DC power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 10 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	2 A
PEAK FORWARD CURRENT	6 A
WARM-UP TIME	300 s
Rectifier promoted fields mapped from the printed maximum ratings; representative row used for repeated identical anode sections where applicable.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	2 A
PEAK FORWARD CURRENT	6 A
WARM-UP TIME	300 s
Second physical rectifier section; populated from corresponding identical section.	

The 4B27 is a gas-filled rectifier with published output-current, output-voltage, and peak-inverse-voltage ratings.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Output Voltage	250 V	—
Maximum Average Output Current	2 A	—
Maximum Peak Output Current	6 A	—

1968 GENERAL ELECTRIC CO

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Output Voltage	250 V	—
Maximum Average Output Current	2 A	—
Maximum Peak Output Current	6 A	—