



ELECTRONIC TUBE REFERENCE

4B35

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Directly heated gas-filled industrial rectifier for high-current, low-voltage power conversion. Its massive filament and ampere-class output suit heavy industrial DC supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2 V / 13.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	275 V
NOMINAL OUTPUT CURRENT	2 A
PEAK FORWARD CURRENT	12 A
Rectifier promoted fields mapped from the printed maximum ratings; representative row used for repeated identical anode sections where applicable.	

The 4B35 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	75 V	—
Maximum Average Output Current	2 A	—
Maximum Peak Output Current	12 A	—

TUBE TINKER

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