



ELECTRONIC TUBE REFERENCE

371B

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Directly heated high-vacuum rectifier for high-voltage industrial supplies. Its heavy filament, tens-of-kilovolts inverse-voltage capability, and substantial current suit demanding professional DC systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 10.3 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	25000 V
NOMINAL OUTPUT CURRENT	300 mA
PEAK FORWARD CURRENT	1.5 A
Maximum ratings and characteristic constants promoted where reliably published in the approved sheet.	

371B: Central Electronic Manufacturers high-vacuum rectifier with published electrical ratings and operating data. The complete approved datasheet was read semantically, including specifications, maximum ratings, operating conditions, cooling requirements and characteristic data where published.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1945 United Electronics

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

1945 UNITED ELECTRONICS

Section 1 · Rectifier

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	5 V	—
Filament current	4 A	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	15000 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Central Electronics

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

195X CENTRAL ELECTRONICS

Section 1 · Rectifier

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	5 V	—
Filament current	10.3 A	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	25000 V	—
Maximum peak anode current	1.5 A	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average anode current	300 mA	—



SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

SOURCE PDF

1960 Central Electronic Tubes

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

1960 CENTRAL ELECTRONIC TUBES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse voltage	25000 V	—
Peak anode current	1.5 A	—
Average anode current	300 mA	—
Anode dissipation	0 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	5 V	—
Filament current	10.3 A	—

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cooling method	Radiation	—