



ELECTRONIC TUBE REFERENCE

EY3000

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated single-wave vacuum rectifier for amplifier and transmitter supplies. Its exceptionally high inverse-voltage capability and moderate current suit substantial professional DC systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	35000 V
NOMINAL OUTPUT CURRENT	150 mA
PEAK FORWARD CURRENT	750 mA
WARM-UP TIME	60 s
<i>Published section ratings and characteristics promoted where applicable.</i>	

Single-wave vacuum rectifier with indirectly heated oxide cathode for power supplies of amplifiers and transmitters up to about 100 W.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Rectifier

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published nominal value
Warm-up time	1 min	Published value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC plate voltage	800 V	2 x 800 V RMS
Rectified voltage	800 V	Published operating value

TUBE TINKER

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