



ELECTRONIC TUBE REFERENCE

881

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated mercury-vapor rectifier for high-power transmitting and industrial supplies. Its heavy heater and low arc voltage provide several amperes at high voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 9.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	15000 V
NOMINAL OUTPUT CURRENT	5 A
PEAK FORWARD CURRENT	15 A
FORWARD VOLTAGE DROP	20 V
WARM-UP TIME	60 s
<i>Published ratings and characteristics promoted from the approved Westinghouse source.</i>	

Indirectly heated mercury-vapor rectifier for high-power transmitting and industrial DC supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

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Section 1 · Rectifier

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	MercuryVaporRectifier text	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Surge Anode Current	100 A	—

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