

ELECTRONIC TUBE REFERENCE

AH2511

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Hot-cathode mercury-vapor half-wave rectifier for high-voltage, high-current power conversion, providing approximately 15 kV inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 11.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	15000 V
NOMINAL OUTPUT CURRENT	3 A
PEAK FORWARD CURRENT	12 A
FORWARD VOLTAGE DROP	12 V
WARM-UP TIME	60 s

Hot-cathode mercury-vapour rectifier rated to 15 kV peak inverse anode voltage.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Fault anode current	120 A	0.1s max

TUBE TINKER

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