



ELECTRONIC TUBE REFERENCE

22V310A

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Directly heated full-wave mercury-vapor rectifier for high-voltage power supplies. Its 5 V filament construction provides approximately 1.4 kV peak inverse-voltage capability and 250 mA nominal rectified output, using mercury-vapor conduction for efficient rectification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	5 V / 3 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1400 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	800 mA
<i>Extracted semantically from complete approved datasheet.</i>	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1400 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	800 mA
<i>Second physical rectifier section; electrical properties populated from corresponding identical section.</i>	

22V310A is a full wave mercury vapour rectifier described in the Standard Valves datasheet. The source provides construction, electrical constants, limiting conditions, and operating information.

TUBE TINKER

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and their source documents.

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