



ELECTRONIC TUBE REFERENCE

DQ61

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated mercury-vapor half-wave rectifier for high-voltage, high-current industrial conversion, providing approximately 24 kV inverse-voltage capability and 5 A output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 15 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	24000 V
NOMINAL OUTPUT CURRENT	5 A
<i>Mercury-vapour rectifier ratings from approved datasheet.</i>	

Mercury-vapour rectifier for high-voltage rectifier service, using an oxide-coated directly heated cathode and mercury pellet filling.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1969 Brown Boveri

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

1969 BROWN BOVERI

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	24000 V	—
Maximum DC output current	5 A	—

TUBE TINKER

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and their source documents.

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