



ELECTRONIC TUBE REFERENCE

DQ71

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated mercury-vapor rectifier for very-high-current industrial power conversion. Its massive filament and low arc voltage provide roughly ten amperes of output at high voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 30 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	26000 V
NOMINAL OUTPUT CURRENT	10 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	26000 V	—
Maximum DC output current	10 A	—

TUBE TINKER

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and their source documents.

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