

ELECTRONIC TUBE REFERENCE

TQ51

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Mercury-vapor thyatron intended for high-voltage rectifier service. Its heavy filament supports substantial controlled power conversion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 7.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM CATHODE CURRENT	1.75 A
Published ratings and characteristics promoted where reliably recoverable from the approved sheet.	

Mercury-vapour thyatron intended for high-voltage rectifier service.



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 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RF/Output Power	36000 W	Quick Reference, stated operating class where applicable
Maximum Anode Current	1.75 A	—

TUBE TINKER

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and their source documents.

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