



ELECTRONIC TUBE REFERENCE

FTS81

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Vapor-cooled Brown Boveri high-power triode for industrial and communications RF or AF service. Its very high dissipation and multi-kilowatt output ratings support major continuous-duty transmitter and industrial installations.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	8 V / 80 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	10000 V
MAXIMUM PLATE DISSIPATION	20000 W
MAXIMUM CATHODE CURRENT	3.5 A
Published ratings and characteristics promoted where reliably recoverable from the approved sheet.	

Vapour-cooled power triode for industry and communication, RF and AF 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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	60 MHz	—
RF/Output Power	26000 W	Quick Reference, stated operating class where applicable
Maximum Anode Current	3.5 A	—

TUBE TINKER

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