

ELECTRONIC TUBE REFERENCE

S7525D

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Mercury-vapor thyatron for industrial controlled-power service. Its heavy directly heated cathode supports substantial low-drop discharge.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 10 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	10000 V
MAXIMUM CATHODE CURRENT	1.25 A
Thyatron has no dedicated canonical SectionType; represented as Other.	

Directly heated mercury-vapour triode thyatron for controlled high-voltage switching.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	5 V	—
Filament current	10 A	—
Warm-up time minimum	300 sec	—
Peak anode voltage maximum	10 kV	—
Peak inverse voltage maximum	10 kV	—
Peak anode current maximum	5 A	—
Average anode current maximum	1.25 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Arc voltage drop	15 V	—

TUBE TINKER

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and their source documents.

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