

ELECTRONIC TUBE REFERENCE

S1580DM

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Very-high-current thyatron for heavy industrial controlled-power service. Its massive directly heated cathode supports substantial switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 21 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	1500 V
Published electrical limits and characteristics promoted from the approved source.	

Mixed-gas thyatron containing noble gas and mercury vapor for electronic control systems and stepless speed control of electric drives.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Thyatron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	2.5 V	Published nominal value
Heater or filament current	21 A	Published nominal value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak cathode current	80 A	Published peak limit

TUBE TINKER

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and their source documents.

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