



ELECTRONIC TUBE REFERENCE

F5008B

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Hydrogen-filled ceramic triode thyatron for high-power fast pulsed switching. Its large cathode system supports substantial pulse current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron

No fixed ratings recorded.

Hydrogen thyatron switching section; pulse ratings retained as parameters.

Hydrogen-filled ceramic triode thyatron for high-power fast pulsed switching.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Thyatron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Gas filling	Hydrogen	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak forward anode voltage	18 kV	Pulse
Peak inverse anode voltage	18 kV	Pulse
Peak anode current	350 A	Pulse
Pulse repetition frequency maximum	2500 Hz	—

TUBE TINKER

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and their source documents.

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