

ELECTRONIC TUBE REFERENCE

7321

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Grid-controlled thyatron for industrial switching and controlled rectification. Its directly heated cathode provides reliable triggered gas conduction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 2.1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	1000 V
Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.	

Xenon-gas-filled grid-controlled thyatron for power-control applications over a wide temperature range.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Thyatron

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	2.5 V	Published nominal/representative value
Heater or filament current	2.1 A	Published nominal/representative value
Filament current range	1.9 A–2.3 A	Published
Typical arc voltage drop	9 V	Published
Approximate deionization time	1000 μ s	Published
Temperature range	-55–175 °C	Published

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker