

ELECTRONIC TUBE REFERENCE

7297

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Heavy-current thyatron for industrial controlled-power service. Its directly heated cathode supports substantial grid-triggered gas-discharge current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 10.8 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
MAXIMUM CATHODE CURRENT	30 A
Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.	

Inert-gas-filled grid-controlled thyatron for industrial control and ignitor-firing service over a wide ambient-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	10.8 A	Published nominal/representative value
Typical arc drop	16 V	Published approximate value
Ionization time	10 μs	Published approximate value

TUBE TINKER

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