



ELECTRONIC TUBE REFERENCE

8043

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled grid-controlled thyatron for industrial switching, controlled rectification, relay, motor-control, or pulse service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 5.95 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
PEAK INVERSE VOLTAGE	21000 V
PEAK FORWARD CURRENT	30 A
<i>Published electrical limits and characteristics promoted from the approved source; non-schema quantities are retained in TUBE_SECTION_PARAMETER.</i>	

Mercury-vapor thyatron with negative control characteristic for rectifier and industrial-control service, especially induction-heating supplies.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	5 V	Nominal
HeaterCurrentNominal	5.95 A	Nominal
Maximum Peak Inverse Voltage	21000 V	—
MaximumPeakForwardCurrent	30 A	—
FilamentVoltageNominal	5 V	Bogey

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	—	25 to 150 Hz