

ELECTRONIC TUBE REFERENCE

21TE31

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Xenon-filled tetrode thyatron for industrial switching and regulating circuits, including controlled-rectifier and sawtooth-generator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	650 V
Published ratings and characteristics promoted from the source where directly stated.	

Xenon-filled tetrode thyatron for switching and regulating circuits in industrial equipment, including controlled-rectifier and sawtooth-generator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Thyatron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	600 mA	Published nominal value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak cathode current	500 mA	Published peak limit
Average cathode current	100 mA	30-second averaging interval

TUBE TINKER

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and their source documents.

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