ELECTRONIC TUBE REFERENCE

7299

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Very-high-current thyratron for industrial controlled-power service. Its massive cathode supports heavy grid-triggered gas-discharge conduction.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	2.5 V / 21 A	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Thyratron	
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM CATHODE CURRENT	80 A

Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.

Quick-heating inert-gas-filled grid-controlled thyratron for industrial control circuits.

SOURCE OPERATING CONDITIONS

1947 Westinghouse

SOURCE PDF

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

1947 WESTINGHOUSE

Section 1 · Thyratron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	**2.5 V**	Published nominal/representative value
Heater or filament current	**21 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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