ELECTRONIC TUBE REFERENCE

S15150DM

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Very-high-current thyratron for heavy industrial power control. Its enormous directly heated cathode supports substantial controlled discharge.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	2.5 V / 33 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

Published electrical limits and characteristics promoted from the approved source.

Mixed-gas thyratron containing noble gas and mercury vapor, intended for electronic control systems and stepless speed control of electric drives up to about 50 kW.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

SOURCE PDF

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Thyratron

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater or filament voltage	**2.5 V**	Published nominal value
Heater or filament current	**33 A**	Published nominal value

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Peak cathode current	**150 A**	Published peak limit

Tube Tinker

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