

ELECTRONIC TUBE REFERENCE

S1540DV

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

High-current thyatron for industrial power control. Its heavy directly heated cathode supports substantial controlled discharge.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 12 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 IgnitronPowerSwitch	
MAXIMUM PLATE VOLTAGE	1500 V
Published electrical limits and characteristics promoted from the approved source.	

Noble-gas thyatron with directly heated oxide cathode for electronic control systems, stepless motor-speed control and ignitron triggering.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · IgnitronPowerSwitch

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	2.5 V	Published nominal value
Heater or filament current	12 A	Published nominal value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak cathode current	40 A	Published peak limit

TUBE TINKER

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and their source documents.

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