

ELECTRONIC TUBE REFERENCE

STE6011

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

Xenon-filled switching triode for switching stages, motor control, and ignitron triggering. Its heavy filament supports substantial controlled current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 9 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	IgnitronPowerSwitch
No fixed ratings recorded.	

Xenon-filled switching triode for switching stages, motor control and ignitron triggering.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 0 · IgnitronPowerSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AnodePeakVoltage	1000 V	—
Peak Inverse Voltage	1250 V	—
Cathode Current	2.5 A	$t_{av} \leq 5 \text{ s}$
Peak Cathode Current	30 A	—
Surge Cathode Current	300 A	$t \leq 0.1 \text{ s}$

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ArcVoltage	10 V	—
IgnitionTime	10 μs	—

TUBE TINKER

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