

ELECTRONIC TUBE REFERENCE

AJ5105

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

Air-cooled high-voltage ignitron for capacitor-discharge and industrial RF-generator power supplies. Controlled mercury discharge switches substantial stored energy.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 IgnitronPowerSwitch
No fixed ratings recorded.
Ignitron; represented as Thyatron in canonical TubeType and Other in canonical SectionType.

Air-cooled high-voltage ignitron for capacitor-discharge and industrial RF-generator power supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 1 · IgnitronPowerSwitch

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cooling method	Air	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse voltage maximum	20000 V	—
Peak anode voltage maximum	20000 V	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Arc drop minimum	25 V	—
Arc drop maximum	30 V	—
Deionization time	10 ms	—

TUBE TINKER

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and their source documents.

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