



ELECTRONIC TUBE REFERENCE

AJ5101

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

Air-cooled glass ignitron for industrial AC switching. Controlled mercury-pool discharge handles heavy power-control currents.

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	
MAXIMUM CATHODE CURRENT	1 A
Ignitron; represented as Thyatron in canonical TubeType and Other in canonical SectionType.	

Air-cooled glass ignitron for industrial AC switching.

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
Maximum switching capacity	50 kVA	AntiParallelPair
Peak anode current	200 A	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Arc drop	10 V	—
Ignition delay minimum	1 us	—
Ignition delay maximum	100 us	—

TUBE TINKER

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