

ELECTRONIC TUBE REFERENCE

AJ5551

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

Water-cooled metal ignitron for high-power industrial switching. Its mercury-pool discharge path handles extremely large 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	32 A
Ignitron; represented as Thyatron in canonical TubeType and Other in canonical SectionType.	

Water-cooled metal ignitron for high-power industrial 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	Water	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum switching capacity	600 kVA	AntiParallelPair
Peak anode current	2800 A	—