

ELECTRONIC TUBE REFERENCE

5555A

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

Water-cooled mercury-pool ignitron designed for high-power rectification and AC control, providing controlled conduction of very large currents in industrial power systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	0 V / 0 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 IgnitronPowerSwitch
No fixed ratings recorded.
Mercury-pool ignitron switching/rectifying system; high-current ratings retained as parameters.

Water-cooled mercury-pool ignitron for high-power rectification and AC control.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · IgnitronPowerSwitch

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	PowerRectifier_ACControl text	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumAverageCurrent	207 A	—
MaximumSurgeCurrentPeak	6000 A	—