



ELECTRONIC TUBE REFERENCE

6515

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

Water-cooled mercury-pool ignitron for industrial rectifier and AC-control service with integral temperature protection.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 IgnitronPowerSwitch	
MAXIMUM PLATE VOLTAGE	2100 V
<i>Ignitron/control-rectifier section; schema has no dedicated Ignitron SectionType, so Other is used. Published rectifier ratings preserved in parameters.</i>	

Mercury-pool, water-cooled ignitron for industrial rectifier and ac-control service, with integral water-temperature control and protective switching.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · IgnitronPowerSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse anode voltage	2100 V	PowerRectifier
Peak forward anode voltage	2100 V	PowerRectifier
Peak anode current	3600 A	900VClass
Continuous average anode current	400 A	900VClass
Fault current	25000 A	900VClass

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker