

ELECTRONIC TUBE REFERENCE

ZG7248

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IGNITRONPOWERSWITCH

Ignitron designed primarily for DC crowbar short-circuit protection, using a holding anode and controlled mercury discharge to handle extreme pulse voltage and current.

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

SECTION1 IgnitronPowerSwitch	
MAXIMUM PLATE VOLTAGE	50000 V
MAXIMUM CATHODE CURRENT	25000 A
Published ratings and characteristics promoted semantically from the approved source.	

Ignitron designed primarily for DC crowbar short-circuit protection, with a holding anode and high peak-voltage/current ratings.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · IgnitronPowerSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Anode Voltage	50000 V	—
Peak Anode Current	25000 A	—