

Jacketed ignitron for capacitor-discharge switching service. Its controlled mercury-discharge path handles very high short-duration industrial currents.

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	20 V
Promoted fields mapped from printed ratings/characteristics headings; specialized published data retained in parameter rows.	

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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

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Forward. i, 20,000 Volts Peak, for 5 cycle of	120 us	Forward. i, 20,000 Volts Peak, for 5 cycle of 120 microseconds 60,000 Amperes
Ionization Time	0.5 us	Ionization Time. 0.5 Microseconds
Ionization Time	0.5 us	Ionization Time. 0.5 Microseconds
Length of Firing Pulse, sine wave. S	10 us	Length of Firing Pulse, sine wave. S 10 Microseconds

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