

ELECTRONIC TUBE REFERENCE

24B9

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

SPARKGAPPULSESWITCH

Gas-filled triggered spark gap, or trigatron, for line-discharge modulators and high-power pulse switching. A trigger electrode initiates rapid conduction on command.

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 SparkGapPulseSwitch	
MAXIMUM PLATE VOLTAGE	10500 V

Gas-filled triggered spark gap (trigatron) for line-discharge modulators and high-power pulse switching.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · SparkGapPulseSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Main-gap pulse voltage	6.6–10.5 kV	Anode positive
Maximum pulse length	1 us	—
Maximum pulse repetition frequency	3000 pps	—
Typical main-gap pulse voltage	7.2 kV	—
Typical peak power output	160 kW	—

TUBE TINKER

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and their source documents.

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