

Series Spark Gaps

Types 1B41, 1B45, 1B49

Types 1B41, 1B45, 1B49 are gas-filled, cold-cathode diodes. Two or more tubes are used in series as the switching device in line-type pulsers.

GENERAL DATA

Electrical:

Frequency Range 120 to 2000 cps
 Interelectrode Capacitance 7 uuf
 Instantaneous Breakdown Voltage (Nominal):
 1B41 9.5 kv
 1B45 14 kv
 1B49 12 kv

Mechanical:

Ionized Medium Gas
 Number of Electrodes Two
 Mounting Position Cathode End Up;
 Within 60° of Vertical

MAXIMUM RATINGS

Peak Current 450 max. Amperes
 Average Power Dissipation 25 max. Watts
 Average Current 210 max. Ma.
 Frequency 2000 max. cps
 Ambient Temperature -50 to 100 max. °C
 Duty Cycle 0.001 max.

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SURE ... IF IT'S **Westinghouse**

