

## Series Spark Gaps Types IB41, IB45, IB49

Types IB41, IB45, IB49 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):	
IB41 .....	9.5 kv
IB45 .....	14 kv
IB49 .....	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.

IB41  
IB45, IB49

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