PART FOURTEEN

IMPULSE CAPACITOR 14

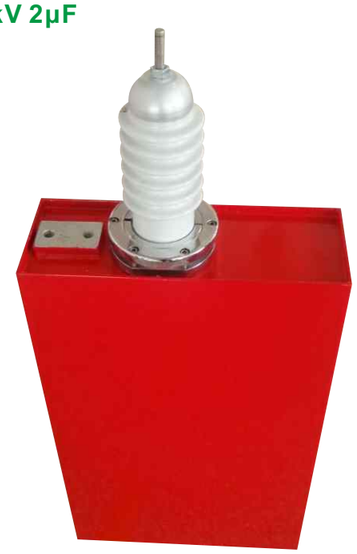
Introduction

Impulse capacitors are widely used as the power energy for the high voltage and high current devices, such as impulse current generator, impulse voltage generator, long duration impulse current generator, repetition impulse generator, oscillation circuit test system, pulse power, etc.

Technical Data

☆ Rated voltage: 5kV ~1000kV;
☆ Capacitance deviation:≤±5% at Un;
☆ Dielectric loss: ≤0.2%;
☆ If capacitance≤1μF, insulation resistance≥1x104MΩ;
☆ If capacitance＞1μF, time constant≥1x104s;
☆ Inductance: ≥20nH

100kV 2μF



Capacitor With Coaxial Design

Impulse Capacitor With Coaxial Design

Technical Parameters

Model No.	Rated Voltage (kV)	Rated Capacitance (μF)	Inductance (nH)	Application
JMCF8-200	8	200	≤100	oscillation circuit
JMWF10-0.6	10	0.6	≤30	Mechanical device
JMCF18-40x2	18	40x2	≤120	Impulse current generator
JMWF20-20	20	20	≤80	Long duration impulse current generator
JMWF30-18	30	18	≤200	oscillation circuit
JMWF35-2	35	2	≤100	Cable fault detector
JMWF40-36	40	36	≤300	Impulse voltage generator
JMCF50-32	50	32	≤20	Pulse power device
JMWF75-1*2	75	1x2	≤220	Impulse voltage generator
JMCF80-3	80	3	≤120	impulse current generator
JMCF80-4	80	4	≤30	Pulse power device
JMWF100-1	100	1	≤200	Impulse voltage generator
JMWF100-2	100	2	≤200	Impulse voltage generator
JMCF100-3	100	3	≤200	Impulse voltage generator, impulse current generator
JMCF150-2	150	2	≤250	Impulse voltage generator
JMCF100-6	100	6	≤150	impulse current generator

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