



2R Ceramic Surge Arresters

SPECIFICATION

Changzhou Wujin Jiangnan Discharge Tube Co.,Ltd

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• **Electrical Characteristics**

Type: 2R9K-3

DC spark-over voltage	90 ±20	V %
Impulse spark-over voltage		
at 100V/μs - for 99% of measured values	<500	V
-typical values of distribution	<450	V
at 1 kV/μs - for 99% of measured values	<600	V
-typical values of distribution	<550	V
Service life		
10 operations 50Hz, 1s ¹⁾	10	A
10 operations [5x (+)&5x(-)] 8/20 μs ¹⁾	10	kA
1 operations 10/350 μs ¹⁾	1	kA
300 operations(alternating polarity) 10/1000 μs ¹⁾	100	A
Insulation resistance at 50 Vdc	>1	GΩ
Capacitance at 1 MHz	<1.5	pF
Arc voltage at 1 A	~10	V
Glow to arc transition current	~1	A
Glow voltage	~80	V
Weight	~0.6	g
Operation and storage temperature	-40...+90	°C
Marking, blue negative	2R90 2R -Three Electrode 90 -Nominal voltage	

Dimensional drawing

