



3R Ceramic Surge Arresters

SPECIFICATION

Changzhou Wujin Jiangnan Discharge Tube Co.,Ltd

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• **Electrical Characteristics**

Type: 3R90AL4

DC spark-over voltage	90 ±20	V %
Impulse spark-over voltage		
at 100V/μs - for 99% of measured values	<400	V
-typical values of distribution	<300	V
at 1 kV/μs - for 99% of measured values	<450	V
-typical values of distribution	<350	V
Nominal impulse discharge current (wave 8/20 μs)	10	kA
Single impulse discharge current (wave 8/20 μs)	15	kA
Nominal alternating discharge current (50 Hz, 1 s)	10	A
Alternating discharge current (50 Hz, 9 cycles)	40	A
Insulation resistance at 50 Vdc	>10	GΩ
Capacitance at 1 MHz	<1.5	pF
Arc voltage at 1 A	~10	V
Glow to arc transition current	~1	A
Glow voltage	~60	V
Weight	~2.2	g
Operation and storage temperature	-40...+125	°C
Marking, blue	 3R90 3R -Two Electrode 90 -Nominal voltage	

• Dimensional drawing

