



特点 FEATURES

- 小尺寸 Small size
- 快速响应时间 Very fast response time
- 高稳定性 Suitable for direct strikes
- 高雷击寿命 Stable performance over life
- 低电容 Very low capacitance
- 高绝缘电阻 High insulation resistance

应用APPLICATIONS

- 通信线路(MDF)Communication lines(MDF)
- CATV 设备 CATV equipment
- 测试设备 Test equipment
- 数据线电源 Data lines Power supplies
- 仪器 Instrumentation circuits
- 医疗电子 Medical electronics

测试环境 (@ 25°C)

Parameter 参数	Min 最小	Typ 标称	Max 最大	Units 单位
DC Breakdown Voltage 直流击穿电压	60	75	90	V
	72	90	108	V
	120	150	180	V
	184	230	276	V
	240	300	360	V
	280	350	420	V
	376	470	564	V
	480	600	720	V
Insulation Resistance 绝缘电阻	10 ¹⁰	-	-	Ω
Capacitance 电容	-	-	1.5	pF
Operational Temperature	-40	-	+125	°C

(See detailed specifications for more information. 详细参数请参照规格书)

参数规格 SPECIFICATIONS

型号 Type	K3RL075M-6	K3RL090M-6	K3RL150M-6	K3RL230M-6	K3RL350M-6	K3RL470M-6	K3RL600M-6	
ab、ac、bc 直流击穿电压 1) DC break-down voltage 1)	60...90	72...108	120...180	195...265	297...403	376...564	480...720	V
	80..120	80..120	80..120	80..120	80..120	80..120	80..120	%
ab、ac、bc 冲击击穿电压 2) Impulse break-down voltage 2)	≤550	≤550	≤600	≤600	≤800	≤900	≤1100	V
绝缘电阻 3) Insulation resistance 3)	≥ 1*10 ⁹	≥ 1*10 ⁹	≥ 1*10 ⁹	≥ 1*10 ⁹	≥ 1*10 ⁹	≥ 1*10 ⁹	≥ 1*10 ⁹	Ω
标称工频放电电流 4) Nominal AC discharge current 4)	5	5	5	5	5	5	5	A
冲击放电电流 5) Impulse discharge current 5)								
10 次, 10 shots 8/20us	5	5	5	5	5	5	5	kA
1 次, 1 shot 8/20us	10	10	10	10	8	8	8	kA
1 次, 1 shot 10/350us	1	1	1	1	1	1	1	kA
300 次, 300 shots 10/1000us	100	100	100	100	100	100	100	A
1500 次, 1500 shots 10/1000us	10	10	10	10	10	10	10	A
弧光电压 (1A) Arc Voltage (at 1A)	~15	~15	~15	~15	~15	~15	~15	V
过保持电压 Holdover voltage	52	52	52	80	135	135	135	V
重量 Weight	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	g
印记: 蓝色, 正向 Marking: Blue, Positive								

备注 Remark:

- 1) 100 V/s 测试波形, at 100 V/s
- 2) 1KV/us 测试波形, at 1KV/us
- 3) 除了 90V 和 75V 产品的测试电压为 50 Vdc, 其余产品的测试电压为 100Vdc (Except for 90V and 75V types measured at 50 Vdc, other types are measured at 100Vdc)
- 4) 50 Hz, 1s, 10 次, 10 shots
- 5) 每次寿命试验采用新的放电管, 冲击电流为通过中间电极的总电流

For each life test new gas discharge tubes shall be used, the impulse current is the total value via centre electrode

特性图 PERFORMANCE CHARACTERISTICS

