

Gas Discharge Tubes

Heavy Duty Delta Range

RoHS SL1411A Series Two-terminal Gas Plasma Arrester



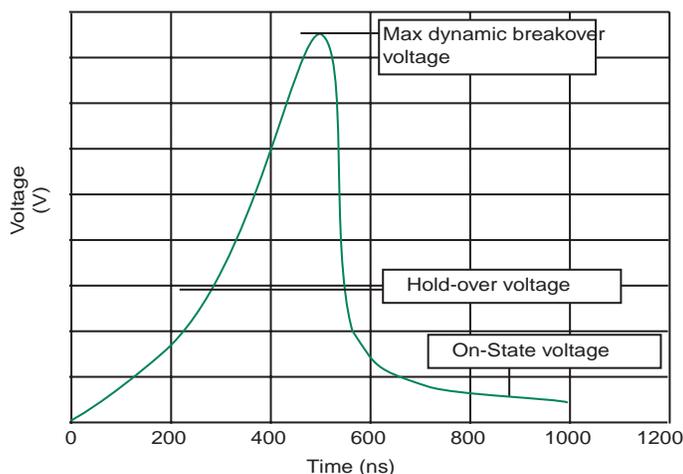
Part Number*	DC Breakover Voltage @100 V/s ^{1,2} Volts		MAX Dynamic Breakover Voltage ³		AC Discharge Current ⁴ Amps	Max Repetitive Impulse Current ⁵ kAmps	MAX Single Impulse Current		Max Leakage Current ⁶ nAmps	Holdover Voltage ^{7,8} Volts	Nominal On-state Voltage @1A Volts
	MIN	MAX	100 V/μs Volts	1kV/μs Volts			8/20 μs kAmps	10/350 μs kAmps			
SL1411A075	60	90	450	700	10	10	20	3	50	50	20
SL1411A090	72	108	450	700	10	10	20	3	50	50	20
SL1411A230	184	276	450	650	10	10	20	3	100	135	20
SL1411A250	200	300	475	700	10	10	20	3	100	135	20
SL1411A350	280	420	600	800	10	10	20	3	100	135	20
SL1411A470	400	540	700	1000	10	10	20	3	100	135	20
SL1411A600	510	690	850	1100	10	10	20	3	100	135	20
SL1411A800	680	920	1100	1300	10	10	20	3	100	135	20
SL1411A1000	850	1150	1300	1500	10	10	20	3	100	135	20

*Max capacitance is 1.5 pF, measured at 1 MHz.

Notes:

1. At delivery AQL 0.65 level II, DIN ISO 2859
2. In ionized mode
3. Comparable to the silicon measurement Switching Voltage (V_s)
4. 10 shots, AC 60 Hz, 1μs duration
5. 10 shots, 8/20 μs waveform
6. Measured at 100 V, except for devices 90 VDC which are measured at 50 V
7. With network applied, 52V for 75 VDC and 90VDC ratings
8. Tested according to ITU-T Rec. K 12

Voltage vs Time Characteristic



Service Life Rating

10A, 10/1000μs, 1500 operations
100A, 10/1000μs, 100 operations
300A, 10/1000μs, 50 operations