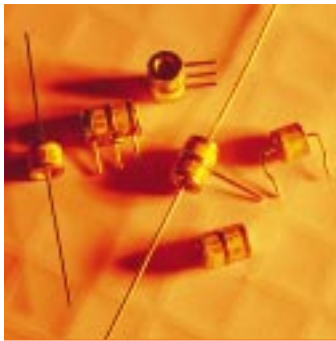


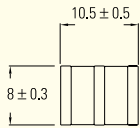


SL1021 Medium/Heavy Duty Arrester Series

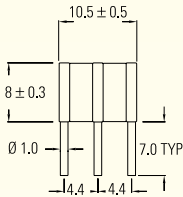


CRYDOM

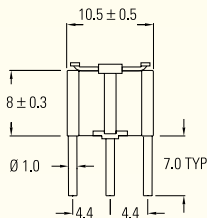
Control over power



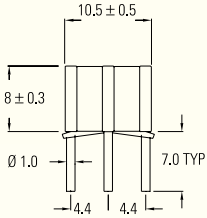
(1) Standard core = C



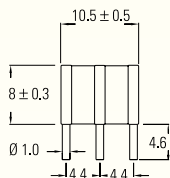
(2) 4.4 Leg pitch = R



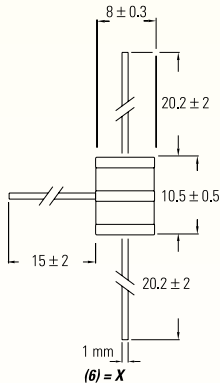
(3) As above with wrap fail-safe = RF



(4) As above with slalom fail-safe = RW



(5) Short leg = T



(6) = X

Improved Non-Radioactive Protection

Non-radioactive Crydom Gas Discharge Tubes (GDTs) offer significantly improved protection over radioactive competitors. They are also much faster acting. Low capacitance values do not impede data speed.

CRYDOM GREENTUBE™ SERIES 3-TERMINAL ARRESTER SERIES TOTALLY NON-RADIOACTIVE UL LISTED

MEDIUM DUTY ELECTRICAL CHARACTERISTICS		090 V	200 V	230 V	260 V	350 V	500 V	
DC sparkover	(V)	72-108	150-250	184-276	210-310	280-420	400-600	(i)
Impulse sparkover (max.)	(V)	700	450	450	600	700	1000	(ii)
Alternating discharge current	(A)	5	5	5	5	5	5	(iii)
Impulse discharge current	(kA)	5	5	5	5	5	5	(iv)
Insulation resistance	(Ω)	1 X 10 ⁹	1 X 10 ⁹	1 X 10 ⁹	1 X 10 ⁹	1 X 10 ⁹	1 X 10 ⁹	(v)
Capacitance (max.)	(pF)	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	(vi)
Holdover	(V)	50	100	135	135	135	135	(vii)

- (i) Measured using a rate of rise of voltage of 100 V/s
- (ii) Measured using a rate of rise of voltage of 1 kV/μs
- (iii) Measured at 1 s duration, 5 shots @ 3 min. intervals, 50 Hz
- (iv) Measured at 8/20 μs, 5 shots each polarity

- (v) Measured at 100 V except SL1021A090 measured at ±50 V DC
- (vi) Measured at 1 MHz, line to ground
- (vii) Measured using test based on ITU (formerly CCITT) K12

CRYDOM GREENTUBE™ SERIES 3-TERMINAL ARRESTER SERIES TOTALLY NON-RADIOACTIVE UL LISTED

HEAVY DUTY ELECTRICAL CHARACTERISTICS		230 V	260 V	350 V	
DC sparkover	(V)	184-276	210-310	280-420	(i)
Impulse sparkover (max.)	(V)	450	600	700	(ii)
Alternating discharge current	(A)	10	10	10	(iii)
Impulse discharge current	(kA)	10	10	10	(iv)
Insulation resistance	(Ω)	1 X 10 ⁹	1 X 10 ⁹	1 X 10 ⁹	(v)
Capacitance (max.)	(pF)	<1.5	<1.5	<1.5	(vi)
Holdover	(V)	135	135	135	(vii)

- (i) Measured using a rate of rise of voltage of 100 V/s
- (ii) Measured using a rate of rise of voltage of 1 kV/μs
- (iii) Measured at 1 s duration, 5 shots @ 3 min. intervals, 50 Hz
- (iv) Measured at 8/20 μs, 5 shots each polarity

- (v) Measured at ±100 V DC
- (vi) Measured at 1 MHz, line to ground
- (vii) Measured using test based on ITU (formerly CCITT) K12

SL1021 Medium/Heavy Duty Arrester Series

Hybrid Arrester Devices

N=Nickel