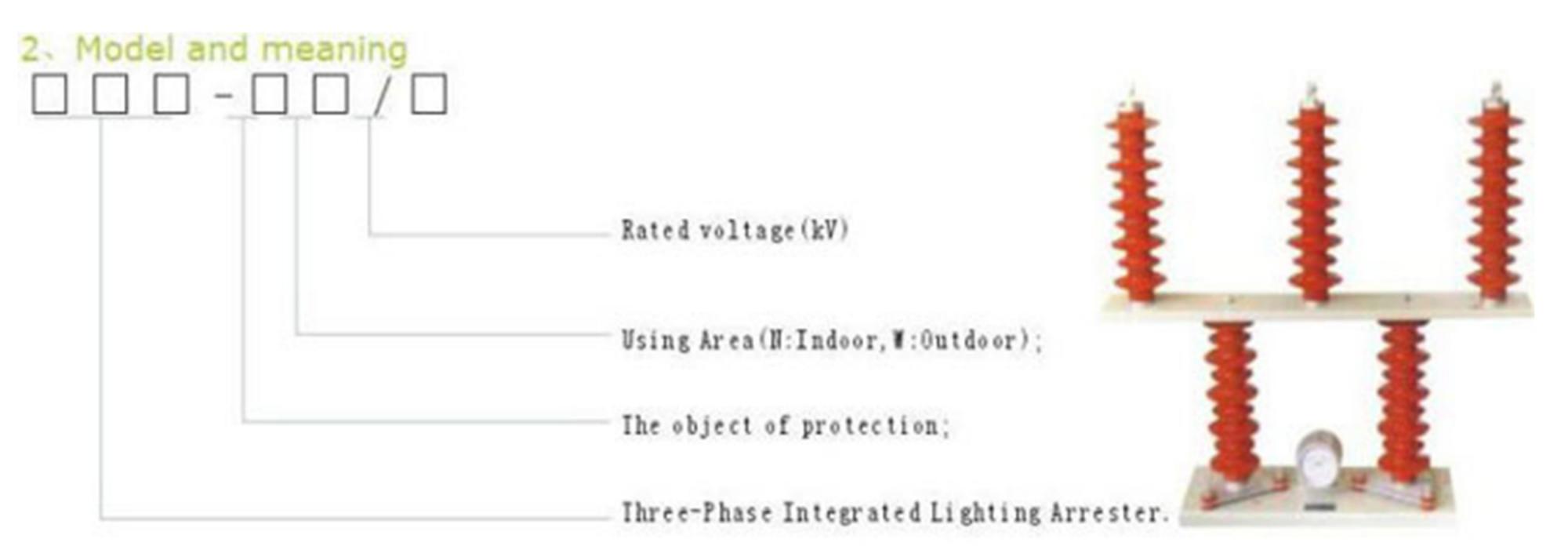
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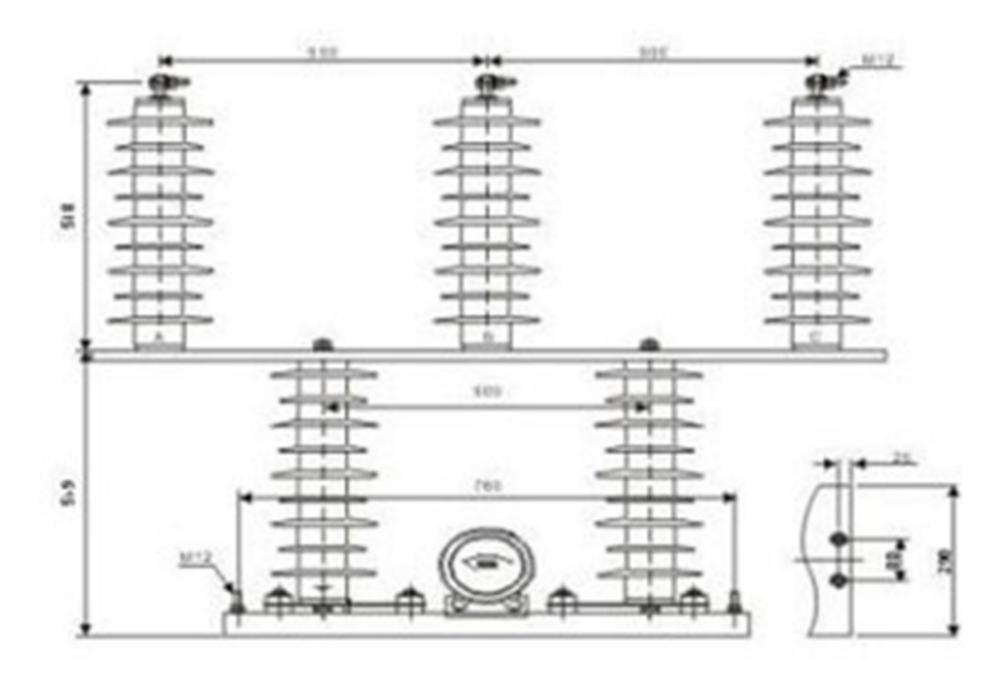
1. General

Three-Phase integrated lighting arresterisanewtypelightingarresterwhichmainlyusedtoprotecttransformer, switch, bas bar, electrometer, parallel compensating capacitor in 35kV electric system. it also can limit over-voltage of air, vacuum circuit breaker, phase to earth, phase to phase. Three-Phase integrated lightingarrester consists of four lightingarresters by four-stars type. So, it can protect each phase to earth and phase to phase to phase to earth and phase to phase to equal to six lighting arresters. it also solve the problem that lighting arresters can't protect phase to phase very well. Three-Phase integrated lighting arrester can be either gap or no gap in series.



3. Normal service conditions

- · Suitable for both indoor and outdoor:
- · Ambient temperature: -10°C to 40°C;
- · Altitude: 52500m;
- · Power frequency: between 48Hz and 62Hz :
- · Wind speed: 35m/s:
- · Earthquake: no more than seven grade;
- It can't operate long time in a voltage which over the continuous operation voltage.





TBP-C Series(Capacitor Type)		6.3	10.5
System Rated voltage(kV)	Virtual &	7.6	12.7
Lightning Arrester Rated voltag(kV)	#118alue	15.0	25.0
Power frequencydischarge		11.2	29.0
DC(U1mA)Ref.Voltage(⊀kV)	Peak	17.0	18.6
Residual voltage of 500A operating impulse current(≯kV)		13.6	29.0
(kV)Residual voltage of 5A lingting impulse current(≯kV)		17.0	23.0
2000µs Square wave impulse current (A)		400	400
Safe net distance (≮mm)		95	120
Surface creapage distance (≮mm)		140	235
Min.phase to hpase distance(mm)		115	145

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System Rated voltage(kV)		6	10	35
Lightning Arrester Rated voltag(kV)	- Virtual & - #118alue	7.6	12.7	42
Power frequencydischarge	#11odide	16.0	26.0	80.0
DC(U1mA)Ref.Voltage(≮kV)		14.4	24	73
Residual voltage of 500A operating impulse current(≯kV)		24.0	41.0	124.0
(kV)Residual voltage of 5A lingting impulse current(≯kV)			32.0	99.0
2000µs Square wave impulse current (A)	Peak	400	400	400
Safe net distance (⊀mm)		95	120	285
Surface creapage distance (≮mm)		140	235	1020
Min.phase to hpase distance(mm)		115	145	470



System Rated voltage(kV)	Virtual & #118alue	6	10	35
Lightning Arrester Rated voltag(kV)		1.6	12.7	42
Power frequencydischarge		16.0	26.0	80.0
DC(U1mA)Ref.Voltage(≮kV)		14.4	24	73
esidual voltage of 500A operating impulse current(≯kV)		24.0	32.0	124.0
(kV)Residual voltage of 5A lingting impulse current(≯kV)			41.0	99.0
2000µs Square wave impulse current (A)	Peak	400	400	400
Safe net distance (≮mm)		95	120	285
Surface creapage distance (≮mm)		140	235	1020
Min.phase to hpase distance(mm)		115	145	470