



NXU- II G Low-voltage Surge Arrester

1. General

1.1 Certificates: international certificates are under proceeding;

1.2 Number of pole: 1,2,3,4,1P+N,3P+N;

1.3 Electric ratings: 230/400V, AC50/60Hz;

1.4 Application: Protect electric system and on-loading electrical apparatus from thunder and instantaneous over-voltage;

1.5 Standard: IEC/EN 61643-11

2. Technical data

Model	Max. continuous Operational Voltage U_c (V ~)	Level of protection U_p (kV)	Maximum discharge current I_{max} (8/20 μ s)(kA)	Nominal discharge current I_n (8/20 μ s)(kA)
NXU-II G(F)	275	1.5	40	20
	320	1.6		
	385	1.8		
	440	2.0		
	255(NPE)	1.5	65	30
	275	1.6		
	320	1.8		
	385	2.0		
440	2.2			

Auxiliary	Configurations	Rated voltage U_n (V)	Rated current I_n (A)
Contact	INO+INC	AC250	0.5

3. How to select surge protectors

- a. The voltage should be $\leq U_c$;
 b. $U_p <$ maximum umpluse withstands;
 c. Different protectors should be selected according to various grounding system and protection mode.

Model	Max. continuous Operational Voltage U_c (V ~)	Applicable grounding system	Protection mode	Circuits	Number of poles
NXU-II G(F)	275	TN-S	L-PE,L-N,N-PE	1 phase,3 phase 5wire	1,2,4, 1P+N,3P+N
		TN-C	L-PEN	1 phase,3 phase 4wire	1,3
		TT	L-N,N-PE	1 phase,3 phase 4wire	1P+N,3P+N
	320	TN-S	L-PE,L-N,N-PE	1 phase,3 phase 5wire	1,2,4, 1P+N,3P+N
		TN-C	L-PEN	1 phase,3 phase 4wire	1,3
		TT	L-N,N-PE	1 phase,3 phase 4wire	1P+N,3P+N
	385	TN-S	L-PE,L-N,N-PE	1 phase,3 phase 5wire	1,2,4, 1P+N,3P+N
		TN-C	L-PEN	1 phase,3 phase 4wire	1,3
		TT	L-N,N-PE	1 phase,3 phase 4wire	1P+N,3P+N
	440	TN-S	L-PE,L-N,N-PE	1 phase,3 phase 5wire	1,2,4, 1P+N,3P+N
		TN-C	L-PEN	1 phase,3 phase 4wire	1,3
		TT	L-N,N-PE	1 phase,3 phase 4wire	1P+N,3P+N
		IT	L-PE	1 phase,3 phase 3wire	1,3

4.Functions

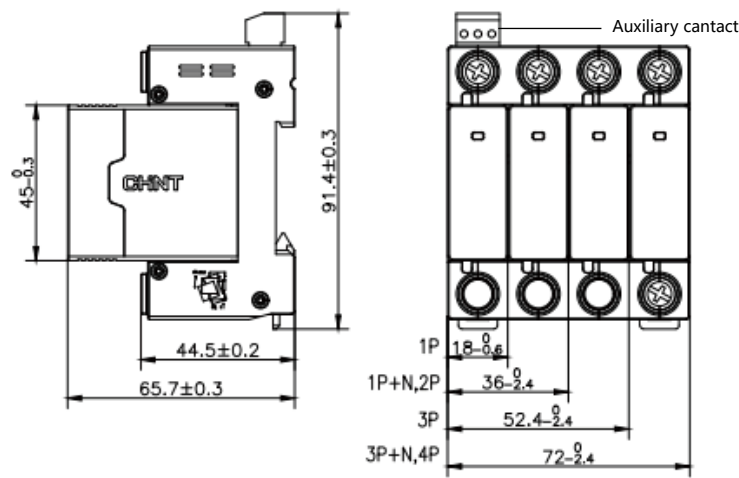
4.1 The product is composed of two independent components:removable protective module 4 and base 2;

4.2 When the product is damaged, the part 3 will indicate red ;please replace the removable protective module 4 at once and there is no need to cutoff the circuits;

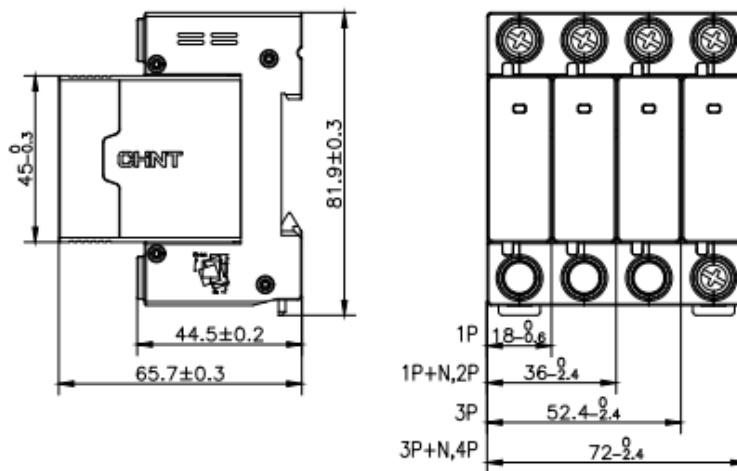
4.3 The part 1 is for maximum continuous operational vottage indication as well sa avoiding replacement with wrong module.



5.Overall and mouting dimensions(mm)



NXU- II G(40kA,65kA) with remote control port



NXU- II G(40kA,65kA) without remote control port