



NXU-I+II Surge Protective Device

1. Compliant standards

IEC/EN 61643-11

2. Compliant certification

CE, RoHS, CAE, CB

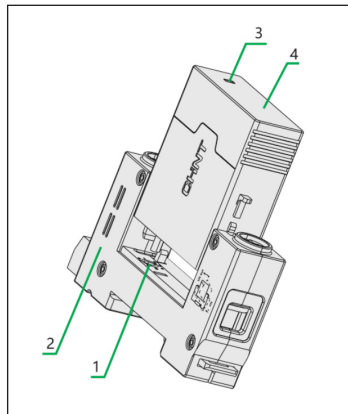
3. Major function

Protect electric system and on-loading electrical apparatus from thunder and instantaneous over-voltage

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

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

3.3 The part 1 is for maximum continuous operational voltage indication as well as avoiding replacement with wrong module.

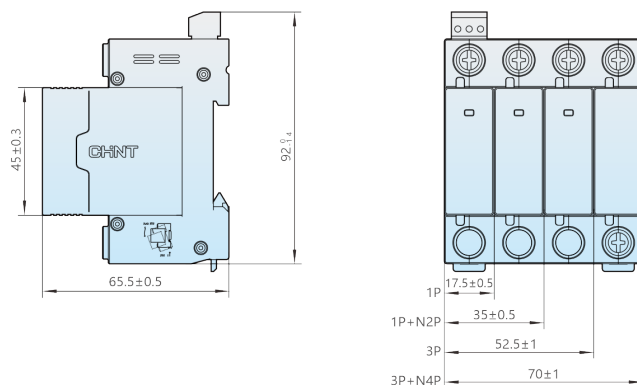


4. Technical data

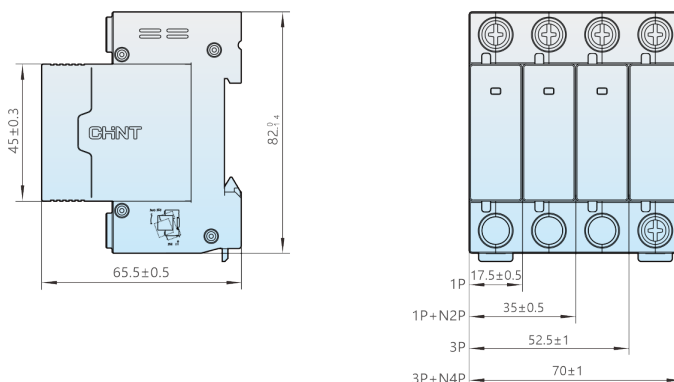
Stangard		IEC/EN 61643-11							
Poles		1P	2P	3P	4P	1P+N		3P+N	
Protection mode		L-PE L-N	L-PE N-PE	L-PE	L-PE N-PE	L-N	N-PE	L-N	N-PE
Electrical features									
Class		I、II							
Frequency		(Hz)	50/60						
Maximum continuous operational voltage		(V~)	275, 385				255	275, 385	255
Maximum impulse current (10/350μs) Iimp		(kA)	12.5				25	12.5	50
Nominal discharge current (8/20μs) In		(kA)	25				30	25	50
Maximum discharge current (8/20μs) Imax		(kA)	50				40	50	50
Level of protection Up		(kV)	1.5(for 275V), 1.8(for 385V)				1.5	1.5(275V), 1.8(385V)	1.5
Fuse or circuit breaker (upstream)		(A)	160						
Remote indication contact (with or without)									
Working indication/Fault indication			Green/Red					Green/Red	
Remote connection capacity			Maximum 1.5 mm ²					Maximum 1.5 mm ²	
Remote contact switch capacity		AC	250V/0.5A					250V/0.5A	
		DC	250V/0.1A;75V/0.5A					250V/0.1A;75V/0.5A	
Installation									
Protection degree			IP20						
Mounting			On DIN rail EN60715(35mm) by means of fast clip device						
Strip length		(mm)	15						
Terminal size		(mm ²)	6~16						
Screw dimension			M5						
Tightening torque		(N·m)	2.0~3.0						
Ambient temperature		(℃)	-40~+70						
Altitude		(m)	≤2000						
Relative humidity			≤95% at +20℃ ; ≤50% at +40℃						
Mounting Environment			The place where there is no significant vibration and shock						

5. Overall and mounting dimensions (mm)

NXU-I+ II /F with remote control part



NXU-I+ II without remote control part



NXU	I+II	/F	12.5	275	1P
Product type	Test class	Telecommunicati on functions	limp(10/350μs)(kA)	Maximum continuous operational voltage(Uc)(V)	Poles
NXU	I+II	Default: Normal F: With auxiliary	12.5	275 385	1P 1P+N 2P 3P 3P+N 4P

Diagram	Test class	limp(10/350μs) (kA)	I _{max} (8/20μs) (kA)	U _c (V)	Poles	Auxiliary contact	Description	Code
	I + II	12.5	50	275	1P	N	NXU- I + II 12.5/275 1P	308606
	I + II	12.5	50	275	1P	Y	NXU- I + II /F 12.5/275 1P	308600
	I + II	12.5	50	385	1P	N	NXU- I + II 12.5/385 1P	308595
	I + II	12.5	50	385	1P	Y	NXU- I + II /F 12.5/385 1P	308613
	I + II	12.5	50	275	1P+N	N	NXU- I + II 12.5/275 1P+N	308598
	I + II	12.5	50	275	1P+N	Y	NXU- I + II /F 12.5/275 1P+N	308610
	I + II	12.5	50	385	1P+N	N	NXU- I + II 12.5/385 1P+N	308611
	I + II	12.5	50	385	1P+N	Y	NXU- I + II /F 12.5/385 1P+N	308615
	I + II	12.5	50	275	2P	N	NXU- I + II 12.5/275 2P	308612
	I + II	12.5	50	275	2P	Y	NXU- I + II /F 12.5/275 2P	308596
	I + II	12.5	50	385	2P	N	NXU- I + II 12.5/385 2P	308592
	I + II	12.5	50	385	2P	Y	NXU- I + II /F 12.5/385 2P	308608
	I + II	12.5	50	275	3P	N	NXU- I + II 12.5/275 3P	308604
	I + II	12.5	50	275	3P	Y	NXU- I + II /F 12.5/275 3P	308594
	I + II	12.5	50	385	3P	N	NXU- I + II 12.5/385 3P	308601
	I + II	12.5	50	385	3P	Y	NXU- I + II /F 12.5/385 3P	308597
	I + II	12.5	50	275	3P+N	N	NXU- I + II 12.5/275 3P+N	308618
	I + II	12.5	50	275	3P+N	Y	NXU- I + II /F 12.5/275 3P+N	308603
	I + II	12.5	50	385	3P+N	N	NXU- I + II 12.5/385 3P+N	308619
	I + II	12.5	50	385	3P+N	Y	NXU- I + II /F 12.5/385 3P+N	308616
	I + II	12.5	50	275	4P	N	NXU- I + II 12.5/275 4P	308609
	I + II	12.5	50	275	4P	Y	NXU- I + II /F 12.5/275 4P	308617
	I + II	12.5	50	385	4P	N	NXU- I + II 12.5/385 4P	308602
	I + II	12.5	50	385	4P	Y	NXU- I + II /F 12.5/385 4P	308614