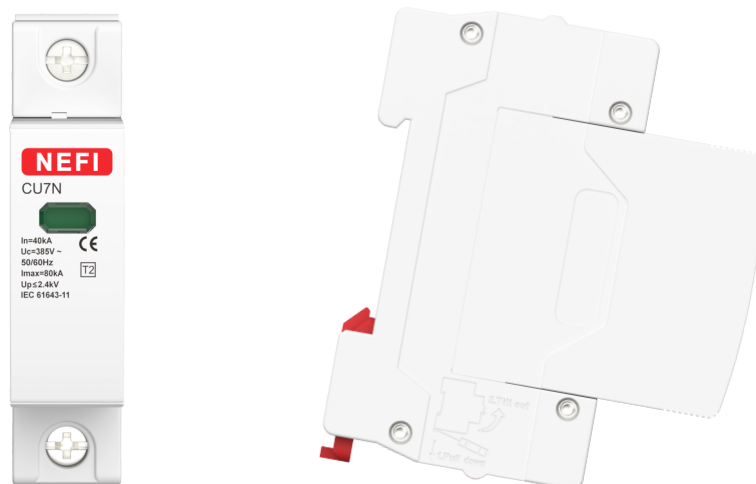


CU7N Surge Protective Device



General

CU7N series Surge Protection Device is suitable for TT, IT, TN-S, TN-C, and TN-C-S power systems with rated voltage up to 230/400V and frequency of 50/60Hz. It is typically installed in the incoming low-voltage distribution box of a building and can discharge lightning current up to 80kA.
Standard: IEC/EN 60898-1.

Features

- Electric ratings: 230/400V, AC50/60Hz;
- Number of pole: 1, 2, 3, 4, 1P+N, 3P+N
- Installation: 35mm DIN rail mounting.
- Width: 18mm modular design.
- Structure: Fully sealed, no arc leakage during operation.
- Material: High-energy graphite core(T1+T2); Metal oxide varistor(T2)

Function

• The product is composed of two independent components: removable protective module 2 and base 1

• When the product is damaged, the part 3 will indicate; please replace the removable protective module 2 at once.



Selection

CU7N	-	T2	20kA	2P	275
↓		↓	↓	↓	↓
Model		Test Class	Lightning Impulse Current	Poles	Max Continuous Operational Voltage
Surge Protective Device		T2 T1+T2	12.5kA, 15kA, 20kA, 40kA, 60kA, 80kA	1, 2, 3, 4, 1P+N, 3P+N	T2: 150/275/385/440 T1+T2: 255/275/385/440

Technical Parameters

Model	CU7N							
Standard	IEC61643-1							
Rated operating voltage (Un)	220V/380V							
Test class	T2(8/20μs)					T1(10/350μs)+T2(8/20μs)		
Max continuous operating voltage Uc(V)	150	275	385	440	440	255/275/385		
Protection level UP(KV)	0.6	1.2	1.8	2.4	2.5	2.0	2.0	
Nominal discharge current 8/20μs In (kA)	5	10	20	30	40	20		
Maximum discharge current 8/20μs Imax(kA)	10	20	40	60	80	50		
Lightning impulse current 10/350μs Limp(kA)	/	/	/	/	/	12.5	15	
Response time (ns)	<2.5					<100		
Operating temperature	-40~+80°C							

Dimensions and Installation Sizes(mm)

