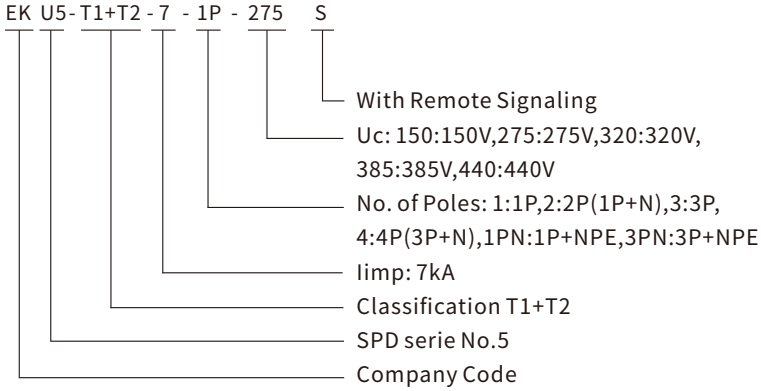


Product Selection Guide



EKU5-T1+T2-7
2P(1P+N)



EKU5-T1+T2-7
1P+NPE



EKU5-T1+T2-7
3P

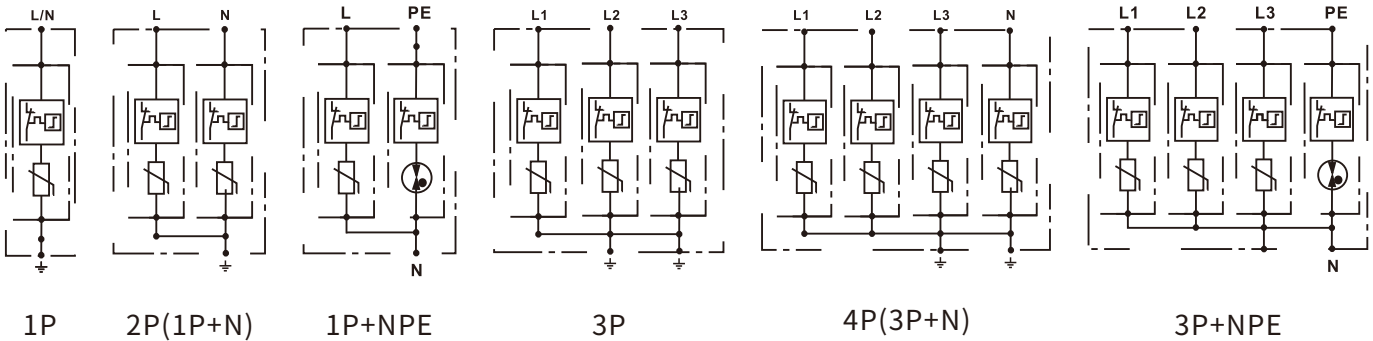


EKU5-T1+T2-7
4P(3P+N)



EKU5-T1+T2-7
3P+NPE

Basic circuit diagram



SPD Type Reference List

No. of Poles	Max. Continuous Operating AC Voltage				
	150V	275V	320V	385V	440V
1P	EKU5-T1+T2-7-1P150	EKU5-T1+T2-7-1P275	EKU5-T1+T2-7-1P320	EKU5-T1+T2-7-1P385	EKU5-T1+T2-7-1P440
2P(1P+N)	EKU5-T1+T2-7-2P150	EKU5-T1+T2-7-2P275	EKU5-T1+T2-7-2P320	EKU5-T1+T2-7-2P385	EKU5-T1+T2-7-2P440
3P	EKU5-T1+T2-7-3P150	EKU5-T1+T2-7-3P275	EKU5-T1+T2-7-3P320	EKU5-T1+T2-7-3P385	EKU5-T1+T2-7-3P440
4P(3P+N)	EKU5-T1+T2-7-4P150	EKU5-T1+T2-7-4P275	EKU5-T1+T2-7-4P320	EKU5-T1+T2-7-4P385	EKU5-T1+T2-7-4P440
1P+NPE	EKU5-T1+T2-7-1PN150	EKU5-T1+T2-7-1PN275	EKU5-T1+T2-7-1PN320	EKU5-T1+T2-7-1PN385	EKU5-T1+T2-7-1PN440
3P+NPE	EKU5-T1+T2-7-3PN150	EKU5-T1+T2-7-3PN275	EKU5-T1+T2-7-3PN320	EKU5-T1+T2-7-3PN385	EKU5-T1+T2-7-3PN440
With Remote Signaling					
1P	EKU5-T1+T2-7-1P150S	EKU5-T1+T2-7-1P275S	EKU5-T1+T2-7-1P320S	EKU5-T1+T2-7-1P385S	EKU5-T1+T2-7-1P440S
2P(1P+N)	EKU5-T1+T2-7-2P150S	EKU5-T1+T2-7-2P275S	EKU5-T1+T2-7-2P320S	EKU5-T1+T2-7-2P385S	EKU5-T1+T2-7-2P440S
3P	EKU5-T1+T2-7-3P150S	EKU5-T1+T2-7-3P275S	EKU5-T1+T2-7-3P320S	EKU5-T1+T2-7-3P385S	EKU5-T1+T2-7-3P440S
4P(3P+N)	EKU5-T1+T2-7-4P150S	EKU5-T1+T2-7-4P275S	EKU5-T1+T2-7-4P320S	EKU5-T1+T2-7-4P385S	EKU5-T1+T2-7-4P440S
1P+NPE	EKU5-T1+T2-7-1PN150S	EKU5-T1+T2-7-1PN275S	EKU5-T1+T2-7-1PN320S	EKU5-T1+T2-7-1PN385S	EKU5-T1+T2-7-1PN440S
3P+NPE	EKU5-T1+T2-7-3PN150S	EKU5-T1+T2-7-3PN275S	EKU5-T1+T2-7-3PN320S	EKU5-T1+T2-7-3PN385S	EKU5-T1+T2-7-3PN440S

Technical Data

SPD classification according to IEC/EN61643-11		T1+T2	T1+T2	T1+T2	T1+T2	T1+T2
Max. continuous operating a.c.voltage	Uc	150V	275V	320V	385V	440V
Max. continuous operating a.c.voltage	Uc(N-PE)	255V	255V	255V	255V	255V
Lightning impulse current (10/350µs)	Iimp	7kA	7kA	7kA	7kA	7kA
Norminal discharge current (8/20µs)	In	25kA	25kA	25kA	25kA	25kA
Maximum discharge current (8/20µs)	I _{max}	50kA	50kA	50kA	50kA	50kA
Voltage protection level	Up	≤1.2kV	≤1.4kV	≤1.6kV	≤1.8kV	≤2.0kV
Voltage protection level 5kA	Up	≤1.0kV	≤1.2kV	≤1.4kV	≤1.5kV	≤1.6kV
Voltage protection level	Up(N-PE)	≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV
Max. backup fuse				160A gL		
Response time	tA			≤25ns		
Response time	tA(N-PE)			≤100ns		
Operating temperature range	Tu			-40°C~80°C		
Operating State/Fault Indication				Green/Red		
Cross-section area (Min.)				4mm ²		
Cross-section area (Max.)				35mm ²		
For mounting on				35mm Din rail		
Enclosure material				Thermal Plastic UL94-V0		
Degree of Protection				IP20		
No. of Poles				1P, 2P(1P+N), 3P, 4P(3P+N), 1P+NPE, 3P+NPE		

Overall and Installation Dimension(mm)

