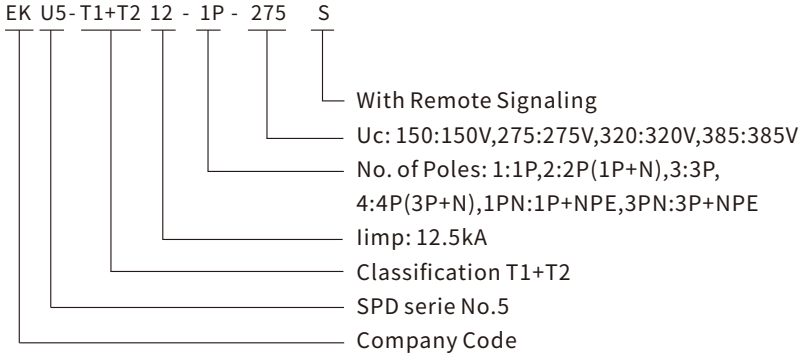


Product Selection Guide



EKU5-T1+T2-12
2P(1P+N)

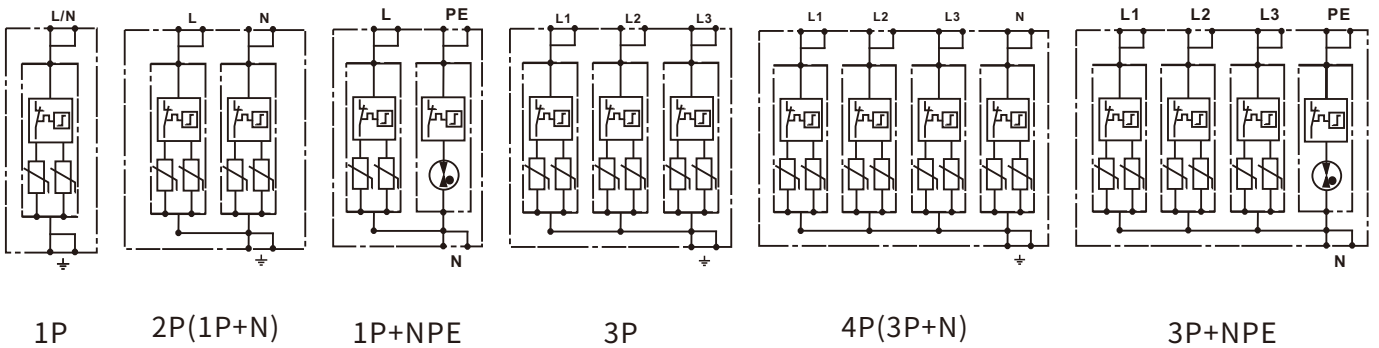
EKU5-T1+T2-12
1P+NPE

EKU5-T1+T2-12
3P

EKU5-T1+T2-12
4P(3P+N)

EKU5-T1+T2-12
3P+NPE

Basic circuit diagram



SPD Type Reference List

No. of Poles	Max. Continuous Operating AC Voltage			
	150V	275V	320V	385V
1P	EKU5-T1+T2-12-1P150	EKU5-T1+T2-12-1P275	EKU5-T1+T2-12-1P320	EKU5-T1+T2-12-1P385
2P(1P+N)	EKU5-T1+T2-12-2P150	EKU5-T1+T2-12-2P275	EKU5-T1+T2-12-2P320	EKU5-T1+T2-12-2P385
3P	EKU5-T1+T2-12-3P150	EKU5-T1+T2-12-3P275	EKU5-T1+T2-12-3P320	EKU5-T1+T2-12-3P385
4P(3P+N)	EKU5-T1+T2-12-4P150	EKU5-T1+T2-12-4P275	EKU5-T1+T2-12-4P320	EKU5-T1+T2-12-4P385
1P+NPE	EKU5-T1+T2-12-1PN150	EKU5-T1+T2-12-1PN275	EKU5-T1+T2-12-1PN320	EKU5-T1+T2-12-1PN385
3P+NPE	EKU5-T1+T2-12-3PN150	EKU5-T1+T2-12-3PN275	EKU5-T1+T2-12-3PN320	EKU5-T1+T2-12-3PN385

With Remote Signaling

1P	EKU5-T1+T2-12-1P150S	EKU5-T1+T2-12-1P275S	EKU5-T1+T2-12-1P320S	EKU5-T1+T2-12-1P385S
2P(1P+N)	EKU5-T1+T2-12-2P150S	EKU5-T1+T2-12-2P275S	EKU5-T1+T2-12-2P320S	EKU5-T1+T2-12-2P385S
3P	EKU5-T1+T2-12-3P150S	EKU5-T1+T2-12-3P275S	EKU5-T1+T2-12-3P320S	EKU5-T1+T2-12-3P385S
4P(3P+N)	EKU5-T1+T2-12-4P150S	EKU5-T1+T2-12-4P275S	EKU5-T1+T2-12-4P320S	EKU5-T1+T2-12-4P385S
1P+NPE	EKU5-T1+T2-12-1PN150S	EKU5-T1+T2-12-1PN275S	EKU5-T1+T2-12-1PN320S	EKU5-T1+T2-12-1PN385S
3P+NPE	EKU5-T1+T2-12-3PN150S	EKU5-T1+T2-12-3PN275S	EKU5-T1+T2-12-3PN320S	EKU5-T1+T2-12-3PN385S

Technical Data

SPD classification according to IEC/EN61643-11		T1+T2	T1+T2	T1+T2	T1+T2
Max. continuous operating a.c.voltage	Uc	150V	275V	320V	385V
Max. continuous operating a.c.voltage	Uc(N-PE)	255V	255V	255V	255V
Lightning impulse current (10/350µs)	Iimp	12.5kA	12.5kA	12.5kA	12.5kA
Norminal discharge current (8/20µs)	In	30kA	30kA	30kA	30kA
Maximum discharge current (8/20µs)	I _{max}	60kA	60kA	60kA	60kA
Voltage protection level	Up	≤1.2kV	≤1.5kV	≤1.6kV	≤1.8kV
Voltage protection level 5kA	Up	≤0.6kV	≤1.0kV	≤1.2kV	≤1.3kV
Voltage protection level	Up(N-PE)	≤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)

