



Product Selection Guide

EK	U4	-	T2	-	40	-	1P	-	275	S
EK	E TEK									
U4	SPD series No.4									
T2	Class II / Type 2									
40	I.max: 40kA									
1P	No. of Poles: 1:1P; 2:2P; 3:3P; 4:4P; 1PN:1P+NPE; 3PN:3P+NPE									
275	Uc: 275:275V; 320:320V; 385:385V; 440:440V									
S	With Remote Signaling									

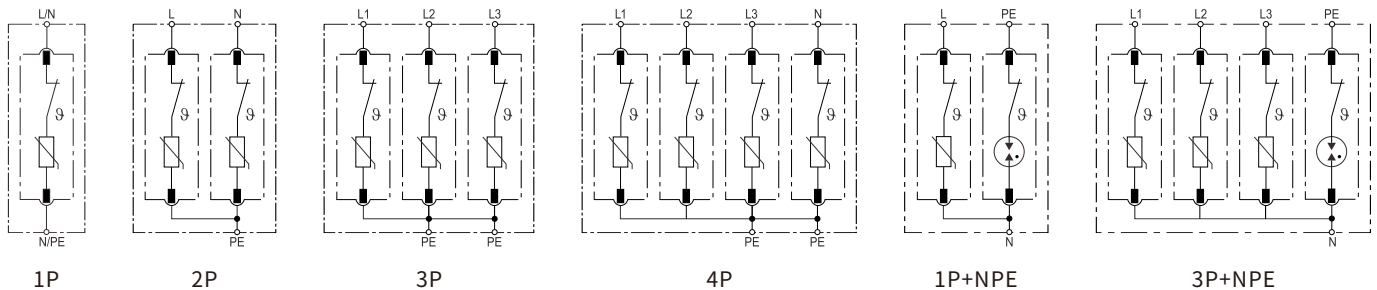
SPD Type Reference List

No. of Poles	Max. Continuous Operating AC Voltage			
	275V	320V	385V	440V
1P	EKU4-T2-40-1P275	EKU4-T2-40-1P320	EKU4-T2-40-1P385	EKU4-T2-40-1P440
2P	EKU4-T2-40-2P275	EKU4-T2-40-2P320	EKU4-T2-40-2P385	EKU4-T2-40-2P440
3P	EKU4-T2-40-3P275	EKU4-T2-40-3P320	EKU4-T2-40-3P385	EKU4-T2-40-3P440
4P	EKU4-T2-40-4P275	EKU4-T2-40-4P320	EKU4-T2-40-4P385	EKU4-T2-40-4P440
1P+NPE	EKU4-T2-40-1PN275	EKU4-T2-40-1PN320	EKU4-T2-40-1PN385	EKU4-T2-40-1PN440
3P+NPE	EKU4-T2-40-3PN275	EKU4-T2-40-3PN320	EKU4-T2-40-3PN385	EKU4-T2-40-3PN440
With Remote Signaling				
1P	EKU4-T2-40-1P275S	EKU4-T2-40-1P320S	EKU4-T2-40-1P385S	EKU4-T2-40-1P440S
2P	EKU4-T2-40-2P275S	EKU4-T2-40-2P320S	EKU4-T2-40-2P385S	EKU4-T2-40-2P440S
3P	EKU4-T2-40-3P275S	EKU4-T2-40-3P320S	EKU4-T2-40-3P385S	EKU4-T2-40-3P440S
4P	EKU4-T2-40-4P275S	EKU4-T2-40-4P320S	EKU4-T2-40-4P385S	EKU4-T2-40-4P440S
1P+NPE	EKU4-T2-40-1PN275S	EKU4-T2-40-1PN320S	EKU4-T2-40-1PN385S	EKU4-T2-40-1PN440S
3P+NPE	EKU4-T2-40-3PN275S	EKU4-T2-40-3PN320S	EKU4-T2-40-3PN385S	EKU4-T2-40-3PN440S

Technical Data

No. of poles	1P	2P	3P	4P	1P+NPE	3P+NPE
Network systems	TN-S, TN-C, TT(only L-N)	TN-S	TN-C	TN-S	TT, TN-S	
Mode of protection	L-PE, N-PE(only TN-S), L-PEN, L-N	L-PE, N-PE	L-PEN	L-PE, N-PE	L-N, N-PE	
Protective elements	High Energy MOV				High Energy MOV and GDT	
Maximum continuous operating voltage (L-N)	Uc	275V	320V	385V	440V	
Maximum continuous operating voltage (N-PE)	Uc	255V				
Norminal discharge current (8/20μs) (L-N)/(N-PE)	In	20kA				
Maximum discharge current (8/20μs) (L-N)/(N-PE)	I _{max}	40kA				
Voltage protection level (L-N)/(N-PE)	Up	1.3kV/1.5kV	1.5kV/1.5kV	1.8kV/1.5kV	2.0kV/1.5kV	
Voltage protection level 5kA	Up	1.0kV	1.2kV	1.4kV	1.6kV	
Response time (L-N)/(N-PE)	t _A	≤25ns/≤100ns				
Operating temperature range	T _u	-40°C to +80°C				
Max. Back-up fuse					125 A gL/gG	
Operating state/fault indication					Green/Red(L-N), Yellow(N-PE)	
Cross-section area (Min.)/(Max.)					4mm ² /35mm ²	
Mounting					35 mm DIN Rail, EN 60715	
Enclosure material					Thermal Plastic UL94-V0	
Degree of protection					IP20 (built-in)	

Basic Circuit Diagram



Overall and Installation Dimension(mm)

