

Type 1 + Type 2 (T1+T2) SPDs



4 122 57



4 122 75



4 122 83



4 122 84



4 123 03

Technical characteristics p. 87 to 89

1P+N and 3P+N SPDs have encapsulated spark gap technology on the neutral-earth spur, which prevents earth leakage currents: no unwanted tripping of the residual current protection devices

These SPDs can be installed upstream the main earth leakage module

SPDs with plug-in modules and status indicators (except neutral-earth spur of Cat.Nos 4 122 54/55/56/57/74/75/76/77):

- Green: SPD working

- Red: plug-in modules need to be replaced

Conforming to standards EN/IEC 61643-11

Pack	Cat.Nos	SPD without short-circuit protection			
		T1+T2 - limp 8 kA			
		Up 1.5 kV, Uc 320 VA			
		Type 1 characteristics: limp 8 kA			
		Type 2 characteristics: In 20 kA and I _{max} 50 kA			
		Neutral earthing system: TT, TNC, TNS			
		Protection against short-circuited end of life to be added:			
		DX ³ 40 A - C curve			
		Number of poles	Neutral position	Status feedback (SD auxiliary)	Number of modules
1	4 122 50	1P	-	No	1
1	4 122 54	1P+N	Left	No	2
1	4 122 56	1P+N	Right	No	2
1	4 122 51	2P	-	No	2
1	4 122 52	3P	-	No	3
1	4 122 55	3P+N	Left	No	4
1	4 122 57	3P+N	Right	No	4
1	4 122 53	4P	-	No	4
		T1+T2 - limp 12.5 kA			
		Up 1.5 kV, Uc 320 V \sim			
		Type 1 characteristics: limp 12.5 kA			
		Type 2 characteristics: In 25 kA and I _{max} 60 kA			
		Neutral earthing systems: TT, TNC, TNS			
		Protection against short-circuited end of life to be added:			
		DX ³ 63 A - C curve			
1	4 122 70	1P	-	Yes	1
1	4 122 74	1P+N	Left	Yes	2
1	4 122 76	1P+N	Right	Yes	2
1	4 122 71	2P	-	No	2
1	4 122 72	3P	-	Yes	3
1	4 122 75	3P+N	Left	Yes	4
1	4 122 77	3P+N	Right	Yes	4
1	4 122 73	4P	-	No	4
		T1+T2 - limp 25 kA			
		Up 1.5 kV, Uc 350 V \sim			
		Type 1 characteristics: limp 25 kA			
		Type 2 characteristics: In 25 kA and I _{max} 50 kA			
		Neutral earthing systems: TT, TNC, TNS			
		Protection against short-circuited end of life to be added:			
		DPX ³ 160-80 A			
1	4 122 81	1P+N	Right	Yes	4
1	4 122 82	3P	-	Yes	6
1	4 122 83	3P+N	Right	Yes	8
		T1+T2 - limp 35 kA - Uc 440 V\sim (IT)			
		Up 2.5 kV, Uc 440 V \sim			
		Type 1 characteristics: limp 35 kA			
		Type 2 characteristics: In 35 kA and I _{max} 50 kA			
		Neutral earthing systems: TT, TNC, TNS, IT			
		Protection against short-circuited end of life to be added:			
		DPX ³ 160-80 A			
1	4 122 80	1P	-	Yes	2

Pack	Cat.Nos	Plug-in replacement modules	
1	4 122 86	For T1+T2/35 kA SPDs Cat.No 4 122 80	
1	4 122 84	For T1+T2/25 kA SPDs Cat.Nos 4 122 81/82/83 and former Cat.Nos 0 030 20/22/23	
1	4 122 85	For T1+T2/25 kA SPDs (N-PE module)	
1	4 123 02	For T1+T2/8 kA SPDs	
1	4 123 03	For T1+T2/12.5 kA SPDs	
		Cat.Nos 4 122 50/51/52/53/54/55/56/57	
		Cat.Nos 4 122 70/71/72/73/74/75/76/77	
		SPD wiring kit	
1	4 123 10	Set of 5 ready-to-use conductors (16 mm ² /40 cm including an earthing conductor) for connecting SPDs in industrial enclosures. Ideal for conformity with EN/IEC 61439	