

Class I + II (T1+T2) low voltage SPDs



4 122 75



4 122 57



4 122 83



4 123 03



4 122 84

Technical characteristics p. 79

Protection against transient overvoltages for 230/400 V \sim power networks (50/60 Hz). SPDs compliant with EN/IEC 61643-11 standards
Recommended for main distribution boards
Class I+II (T1+T2) : SPDs tested and specified according to both T1 and T2 test classes

Pack	Cat.Nos	SPDs for general protection of main distribution board				
		SPDs with plug-in modules and status indicators: - Green: SPD operational - Orange: plug-in modules to be replaced Earthing systems: TT, TNC, TNS				
		T1+T2 - limp 12,5 kA/pole For general protection of big installations and protection of small installations with external lightning protection (LPS). Up: 1.5 kV - I _{max} : 60 kA/pole - U _c : 320 V \sim Recommended MCB: DX ³ 63 A - C curve				
		Number of poles	Neutral position	I _{total} (10/350)	Remote status monitoring (FS contact)	Number of modules
1	4 122 70	1P	-	12.5 kA	No	1
1	4 122 74 ¹	1P+N	Left	25 kA	Yes	2
1	4 122 76 ¹	1P+N	Right	25 kA	Yes	2
1	4 122 71	2P	-	25 kA	No	2
1	4 122 72	3P	-	37.5 kA	Yes	3
1	4 122 75 ¹	3P+N	Left	50 kA	Yes	4
1	4 122 77 ¹	3P+N	Right	50 kA	Yes	4
1	4 122 73	4P	-	50 kA	No	4
		T1+T2 - limp 8 kA/pole SPDs for small installations without external lightning protection (LPS) Up: 1.3 kV - I _{max} : 50 kA/pole - U _c : 320 V \sim Recommended MCB: DX ³ 40 A - C curve				
1	4 122 50	1P	-	8 kA	No	1
1	4 122 54 ¹	1P+N	Left	16 kA	No	2
1	4 122 56 ¹	1P+N	Right	16 kA	No	2
1	4 122 51	2P	-	16 kA	No	2
1	4 122 52	3P	-	25 kA	No	3
1	4 122 55 ¹	3P+N	Left	25 kA	No	4
1	4 122 57 ¹	3P+N	Right	25 kA	No	4
1	4 122 53	4P	-	32 kA	No	4

Pack	Cat.Nos	SPDs for high risk level installations				
		SPDs for big installations with external lightning protection (LPS) and for high risk level installations according to EN/IEC 62305 standards SPDs with plug-in modules and status indicators: - Green: SPD operational - Red: plug-in modules to be replaced				
		T1 + T2 - limp 35 kA/pole - 440V\sim (IT) - Plug-in Up: 2.5 kV - U _c : 440 V \sim Earthing systems: TT, TNC, TNS, IT Recommended MCB: DPX ³ 160 - 80 A				
		Number of poles	Neutral position	I _{total} (10/350)	Remote status monitoring (FS contact)	Number of modules
1	4 122 80	1P	-	35 kA	Yes	2

Pack	Cat.Nos	SPDs for high risk level installations (continued)				
		T1 + T2 - limp 25 kA/pole Up: 1.5 kV - U _c : 350 V \sim Earthing systems: TT, TNC, TNS. Recommended MCB: DPX ³ 160 - 80 A				
1	4 122 81 ¹	1P+N	Right	50 kA	Yes	4
1	4 122 82	3P	-	75 kA	Yes	6
1	4 122 83 ¹	3P+N	Right	100 kA	Yes	8
		Replacement plug-in modules				
1	4 123 02	For SPDs T1+T2 - 8 kA Cat.Nos 4 122 50/51/52/53/54/55/56/57				
1	4 123 03	For SPDs T1+T2 - 12.5 kA Cat.Nos 4 122 70/71/72/73/74/75/76/77				
1	4 122 84	For SPDs T1+T2 - 25 kA Cat.Nos 4 122 81/82/83 and 0 030 20/22/23/27				
1	4 122 85	N-PE module for SPDs T1+T2 - 25 kA Cat.Nos 4 122 81/83 and 0 030 23				
1	4 122 86	For SPDs T1+T2 - 35 kA Cat.No 4 122 80				
		Cabling accessories				
1	4 123 10	Ready to use cabling kit consisting of 5 conductors (including the earth conductor) Cross section :16mm ² Length : 40cm For cabling SPDs in industrial enclosures (for EN/IEC 61439 compliance).				

1: 1P+N and 3P+N: L-N and N-PE protection modes (common and differential modes), the N pole being protected by encapsulated spark gaps. Also called 1+1 and 3+1