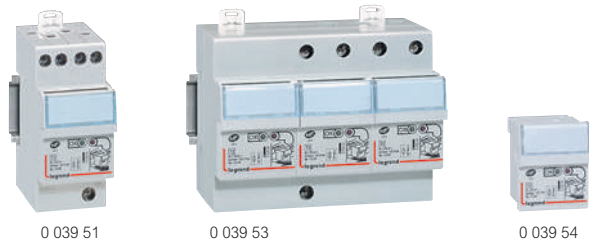


Class II (T2) low voltage SPDs with integrated protection



Technical characteristics p. 79

SPDs with integrated protection against overload currents and short-circuit currents
SPDs compliant with EN/IEC 61643-11 standards
For 230/400 V~ power networks (50/60 Hz)

Pack	Cat.Nos	Protection for consumer units			
		For residential and small commercial installations With plug-in modules and status indicators: - Green: SPD operational - Red: plug-in module need to be replaced T2 self protected SPDs - I_{max} 12 kA/pole For installations with low risk level (in urban areas, underground power supplies, etc.) In: 10 kA/pole - U _c : 275 V~ Earthing systems: TT, TNS Cat. No. 0 039 51: SPD with Y connection (both incoming and outgoing terminals at the top of the SPD) providing better protection against overvoltages			
1	0 039 51 ¹	Number of poles	Neutral position	Integrated protection	Number of modules
1	0 039 53 ¹	1P+N	Left	I _{sc} ≤ 6 kA	2
		Protection for secondary distribution boards Protection of sensitive equipment. With plug-in modules and status indicators: - Green: SPD operational - Red: plug-in module need to be replaced In: 10 kA/pole - U _c : 275 V~ Earthing systems: TT, TNS. Cat. No. 0 039 71: SPD with Y connection both incoming and outgoing terminals at the top of the SPD, providing better protection against overvoltages T2 self protected SPDs - I_{max} 12 kA/pole			
		Number of poles	Neutral position	Integrated protection	Number of modules
1	0 039 71 ¹	1P+N	Left	I _{sc} ≤ 10 kA	2
1	0 039 73 ¹	3P+N	Left	I _{sc} ≤ 10 kA	6
		Replacement plug-in modules For self protected SPDs 1 0 039 54 Cat.Nos 0 039 51/53 1 0 039 74 Cat.Nos 0 039 71/73 For old SPDs 5 0 039 28 Cat.Nos 0 039 20/21/22/23 5 0 039 34 Cat.Nos 0 039 30/31/32/33 5 0 039 39 Cat.Nos 0 039 35/36/38 5 0 039 44 Cat.Nos 0 039 40/41/43			

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.

SPDs for communication lines (telephone, X-DSL)



Technical characteristics see e-catalogue

Pack	Cat.Nos	SPDs for telephone & communication lines			
		Overvoltage protection of equipment such as telephones, modems, video door entry phones, etc. Recommended to provide complete overvoltage protection of the installation when low voltage SPDs are present on power lines (TS/IEC 61643-12) X-DSL compatible SPDs status at end of life: loss of the communication Compliant with EN/IEC 61643-21 standards SPD for telephone/ADSL lines - RJ45 or terminal blocks Types D1 and C2 ¹ for installations with / without lightning protection system (LPS) Connection: RJ45 (RJ11 compatible) and terminal blocks DIN rail mounting			
1	4 122 00	In/I _{max}	Max. voltage(U _c)	Level of protection (Up)	No. of modules
		10/20 ² kA	180 V	350 V	1
		SPD for telephone/ADSL lines - terminal blocks Type C2 ¹ for installations without lightning protection system (LPS) Connection: terminal blocks Wall-mounting (screws not supplied) DIN rail mounting possible with adaptor Cat.Nos 0 364 69 or 0 739 79 (not supplied) Dimensions: 63 x 27 x 31 mm (Height x Width x Depth)			
1	4 123 19	5/10 kA	180 V	280 V	-

1: Test categories D1 (similar to T1/class I) and C2 (similar to T2/class II) according to EN/IEC 61643-21

2: The I_n value is given for connection on terminal blocks (I_n = 2.5 kA for RJ45 connection)

