

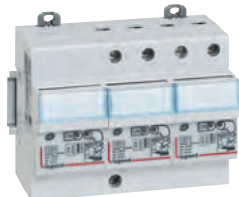
## Type 2 + Type 3 (T2 + T3) SPDs

## SPDs for communication networks (telephone, X-DSL)

### Protected



0 039 51



0 039 53



0 039 54



4 122 00



4 123 19



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 located upstream SPDs with integrated short-circuit protection thanks to a special built-in fuse

In TT systems, these SPDs must be used with residual current protection upstream

Cat.Nos 0 039 51/71 are easily installed in the distribution board, since they are compatible with the vertical busbar and also the power supply at the top/outgoing line at the top

SPDs with plug-in modules:

- Green: SPD working

- Red: plug-in modules need to be replaced

Conforming to standards EN/IEC 61643-11

Pack	Cat.Nos	<b>SPDs with integrated short-circuit protection Isc 6 kA</b>	
		<b>T2+T3 - I<sub>max</sub> 12 kA</b>	
		Up 1.2 kV, U <sub>c</sub> 275V~	
		Type 2 characteristic: I <sub>n</sub> 10 kA, I <sub>max</sub> 12 kA	
		Type 3 characteristic: U <sub>oc</sub> 20 kV	
		Systems: TT, TNS	
		Number of poles	Number of modules
1	0 039 51	1P+N	2
1	0 039 53	3P+N	6

		<b>SPDs with integrated short-circuit protection Isc 10 kA</b>	
		<b>T2+T3 - I<sub>max</sub> 12 kA</b>	
		Up 1.2 kV, U <sub>c</sub> 275V~	
		Type 2 characteristic: I <sub>n</sub> 10 kA, I <sub>max</sub> 12 kA	
		Type 3 characteristic: U <sub>oc</sub> 20 kV	
		Systems: TT, TNS	
		Number of poles	Number of modules
1	0 039 71	1P+N	2
1	0 039 73	3P+N	6

		<b>Plug-in replacement modules</b>	
1	0 039 54	For T2/12 kA SPDs Cat.Nos 0 039 51/53	
1	0 039 74	For T2/12 kA SPDs Cat.Nos 0 039 71/73	

Pack	Cat.Nos	<b>SPD for telephone lines and communication lines</b>			
		Protection of analogue and digital equipment such as telephones, modems, axiophones, door entry systems, etc to create full protection for the equipment in addition to low-voltage SPDs Compatible with X-DSL (partial or full unbundling) End-of-life status: loss of the line Conforming to standards EN/IEC 61643-21			
		<b>SPD for telephone/ADSL - RJ45 or terminal blocks</b>			
		Types D1 and C2 <sup>1</sup> for installations with/without lightning conductor			
		Connectors: RJ45 (compatible with RJ11) and screw terminal block			
		Mounting on DIN rail			
		I <sub>n</sub> /I <sub>max</sub>	Max. voltage (U <sub>c</sub> )	Protection level (U <sub>p</sub> )	No. of modules
1	4 122 00	10/20 <sup>2</sup> kA	180 V	< 350 V	1
		<b>SPD for telephone/ADSL - terminal blocks</b>			
		Type C2 <sup>1</sup> for installations without lightning conductor			
		Connectors: screw terminal block			
		Wall mounting (screws not supplied) or on DIN rail with adaptor Cat.No 0 364 69 or 0 739 79 (to be ordered separately)			
		Dimensions: 63 x 27 x 31 mm (Height x Width x Depth)			
1	4 123 19	5/10 kA	180 V	280 V	-

1: D1 (similar to T1/class I) and C2 (similar to T2/class II) test categories in accordance with EN/IEC 61643-21

2: The I<sub>n</sub> value is indicated for connection on a terminal block - (I<sub>n</sub> = 2.5 kA with RJ45 connectors)