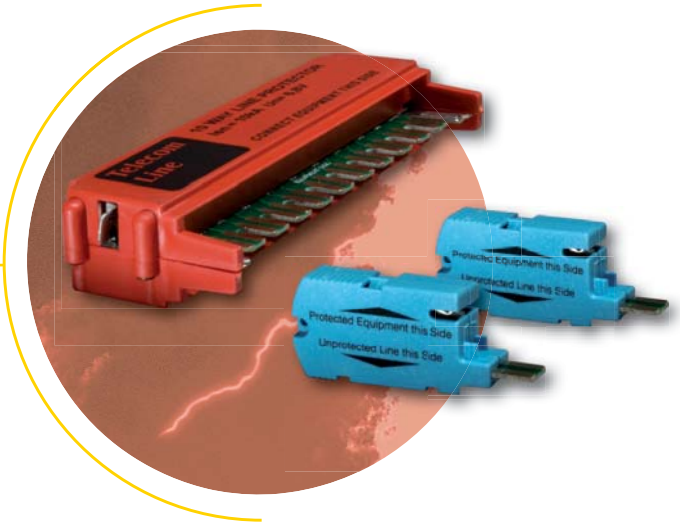
1 and 10-pair Surge Protectors for LSA+*

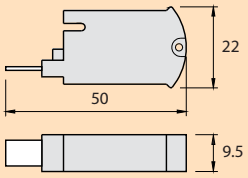
E1LSA, LSA10



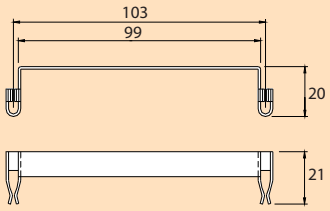
These surge protectors are designed to protect, from lightning surges, telephone equipment connected to the telecom network through a MDF equipped with connection strips.
They are compatible with LSA+ connection strip.
The mechanical design allows instantaneous installation, without wiring modification, on the connection system and fast maintenance.
Nevertheless the connection strips, receiving the surge protectors, must be imperatively equipped a earthing contact connected to the bonding network of the installation (earthing frame in option).
The electrical diagram combines a 3-electrode gas tube with clamping diode to provide a high discharge current capacity and a very fast response time.
2 versions : 1 pair (E1LSA) or 10 pairs (LSA10).
These products are in compliance with analog or high speed digital telecom networks.

Dimensions (in mm)

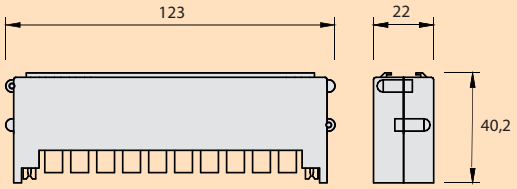
E1LSA



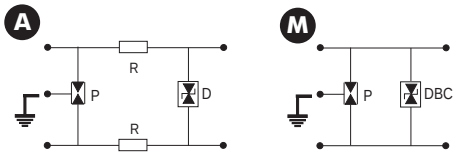
Earthing frame



LSA10



Electrical diagram



- **Surge protectors for LSA+ connection strip**
- **Fast installation with no wiring modification**
- **Fast Maintenance**
- **For analog or high speed telecom lines**

Characteristics

CITEL part number	E1LSA-T	E1LSA-06DBC	LSA10-T	LSA10-06DBC
Application	Analog line ADSL	T2 - T1 10BaseT	Analog line ADSL	T2 - T1 10BaseT
Configuration	1 pair	1 pair	10 pairs	10 pairs
Nominal line voltage (Un)	150 V	6 V	150 V	6 V
Max. line voltage (Uc)	170 V	8 V	170 V	8 V
Max. line current (I_L)	300 mA	300 mA	300 mA	300 mA
Max. frecuency	3 MHz	> 20 MHz	3 MHz	> 20 MHz
Protection level (Up) *8/20µS impulse - 5kA*	230 V	25 V	230 V	25 V
Max. discharge current (Imax) *8/20µs impulse - 1 time*	5 kA	5 kA	5 kA	5 kA
End of life	short-circuit	short-circuit	short-circuit	short-circuit
Type of diagram	A	M	A	M
Mechanical characteristics	*Mouting on LSA+ connection strip* *Dimensions : see drawing* *Housing material : Thermoplastic UL94-V0*			

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