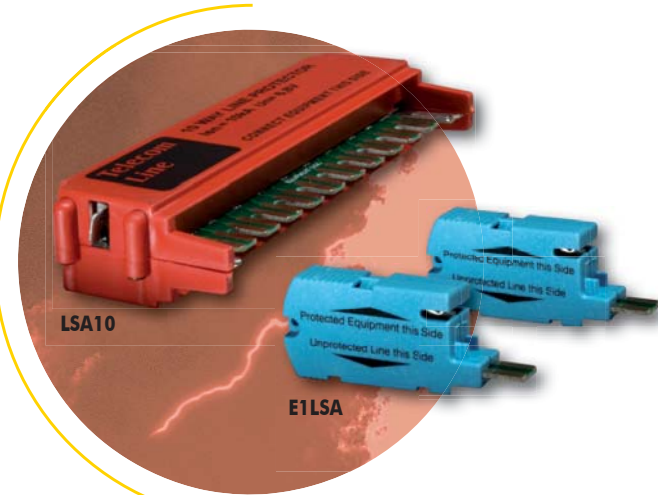




1 and 10-pair Surge Protectors for LSA+*

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).

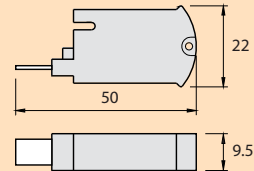
The electrical diagram combines a 3-electrode gas tube with clamping diode to provide a high discharge current capacity and a very fast response time.

2 versions : 1 pair (E1LSA) or 10 pairs (LSA10).

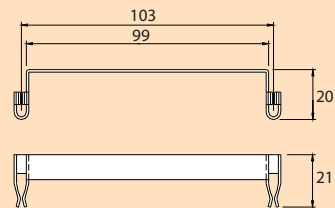
These products are in compliance with analog or high speed digital telecom networks.

Dimensions (in mm)

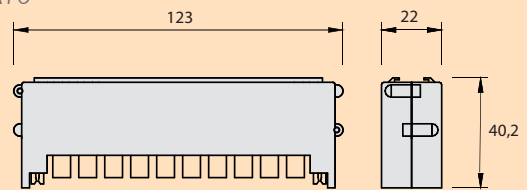
E1LSA



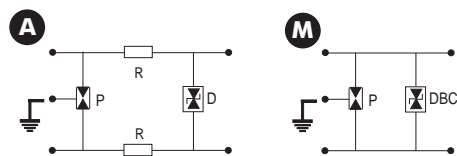
Earthing frame



LSA10



Electrical diagram



P : 3-pole gas tube
R : Resistor
D : Clamping Diode
DBC : Low capacitance Clamping Diode

- 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. frequency	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 (I _{max}) 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	Mounting on LSA+ connection strip Dimensions : see drawing Housing material : Thermoplastic UL94-V0			