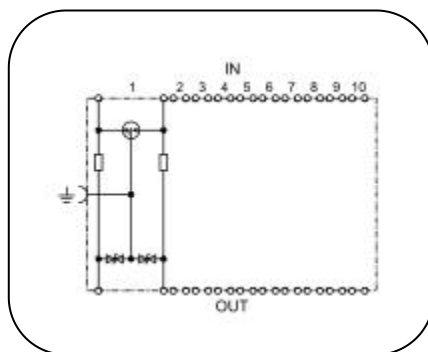
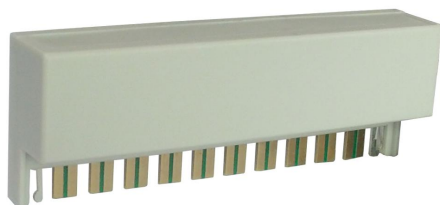
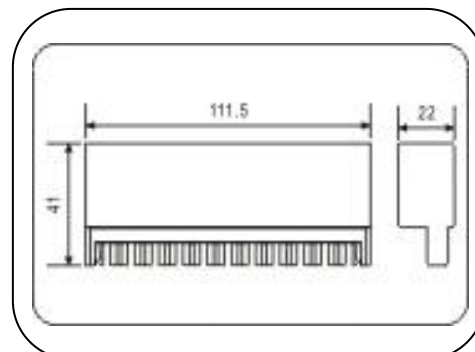


LSA-PLUS technology system

LSA X P110L



Basic circuit diagram



Dimension drawing

LSA X P110L surge protector is designed for using for telephone system or measurement and control system against surge at the boundaries from lightning protection zone 0_A-2 and higher.

- In according to IEC61643-21;
- Based on the LSA-PLUS wiring technology, easy for installation.
- Providing surge voltage protection for ten pairs of conductors or twenty single conductors.
- High nominal discharge current 5kA 8/20 per line.
- Good transmission

Model No		LSA X P 110L
Nominal voltage	U_N	110V
Rated voltage (max. continuous d. c. voltage)	U_C	180V
Rated voltage (max. continuous a. c. voltage)	U_C	126.5V
Nominal current	I_L	0.36A
Lightning impulse current (10/350 μ s)	I_{imp}	0.5KA
Nominal discharge current (8/20 μ s) per line	I_n	5kA
Voltage protection level (line-PG) at I_n	U_P	≤ 500 V
Voltage protection level (line-PG) at 1kV/ μ s line-PG	U_P	≤ 300 V
Bandwidth (line-PG)	f_G	0.14MHz
Series impedance per line	R	100 μ H+1.7 Ω
Capacitance line-PG	C	≤ 1 nF
Response time	t_A	≤ 25 ns
Operating temperature range		-40 $^{\circ}$ C...+80 $^{\circ}$ C
Pluggable into		LSA-PLUS disconnection block
Earthing via		Earthing busbar
Enclosure material		Grey thermoplastic, UL94-V0
Test standards		IEC 61643-21; GB18802.21; YD/T 1542
Certification		CE (LVD, EMC)

Installation instruction:

1. The device must be installed in correct direction.
2. Plug this product into the jack of LSA-PLUS disconnection block; make sure the earthing terminal is fully connected with the earthing busbar.

Installation diagram:

