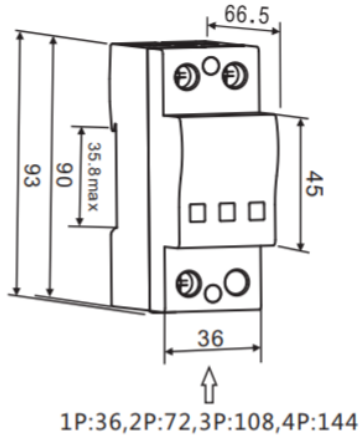


## LP-50A

### Measuring Principle

LP-50A are applied at the low voltage side of transformer with rated working voltage 230/400V or zone between LPZO and LPZ1, which can protect CLASS I against overvoltage arising from the lightning or surge. This series products are not applied to the system with the expected short-circuit current beyond rated breaking follow current. The fuse must be connected to the front side of the production series.



### Feature

- Large current capacity, low residual voltage, totally enclosed structure, no arc escape
- Build in multi-gap, continuous voltage, strong ability of off follow-current.
- Many protection model (L-N, L-PE, N-PE) & combination (2P,3+NPE, 4P) apply to various power network.

### Application

- Class I

### Main Technical Data

Model	LP-50A
Rated working voltage	230/400V
Max continuous operating	320V
Voltage protection level up kV	< 2.0kV
Impulsive discharge current $I_{imp}$ (10/350 $\mu$ s)kA	25kA
Housing material	Flame-retardant Reinforced Nylon (UL 94V-0)
Response time	100ns
Recommended grounding conductor	16mm <sup>2</sup> Multi-Strand Flexible Wire
Combination mode	2P, 3P, 4P, 3P+NPE
Insulation resistance	>5M $\Omega$
Max Intensity of backup fuse (If mains >250A)	250AgL

### Wiring Diagram

