

# Ethernet Lightning Arrest Box



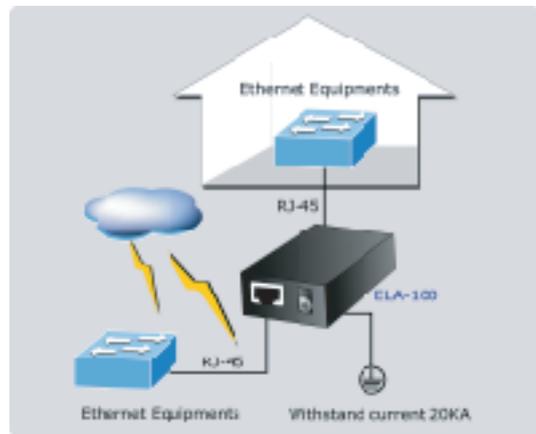
To avoiding the various Ethernet devices may damage with surge voltages by lightning strikes. PLANET releases a new Ethernet Lightning Arrest Box for preventing the lightning strike situation which appears in current Ethernet environment.

The Ethernet Lightning Arrest Box, ELA-100, provides two passive 10/100/1000Base-T interfaces for connection of two Ethernet devices and one ground position for earthed. The ELA-100 Ethernet Lightning Arrest Box is the ideal solution to prevent damages of Ethernet devices by lightning strike with surge voltages.

## APPLICATIONS

### Outdoor Installation of Ethernet Lightning Arrest Box

For installing the ELA-100 at outdoor place with shelter, the Ethernet Lightning Arrest Box must be earthed. Or the Ethernet Lightning Arrest Box may get electric shock and cause damage. Then connect two Ethernet devices to the two passive 10/100/1000Base-T ports (protected port and un-protected port) of Ethernet Lightning Arrest Box for lightning strike prevention.



## KEY FEATURE

- 20 KA Lightning surge protection
- Two passive 10/100/1000 Ethernet Ports
- One ground position
- Flexibility for various Ethernet devices including PoE

## SPECIFICATION

Product **Ethernet Lightning Arrest Box**

Model	ELA-100
Ethernet Interface	2 passive 10/100/1000 Ethernet Ports
Ground	1 ground position
DC Spark-Over Voltage	230V, ±20%
Nominal Impulse Discharge Current (wave 8 / 20µs)	20KA
Arc Voltage at 1A	~35V
Glow to Arc Transition Current	~1A
Glow Voltage	~200V
Dimension (W x D x H)	65 x 42 x 20mm
Weight	80g
Operate Environment	0~50 Degree C, 5%~90%RH
Storage Environment	-20~70 Degree C, 5%~90%RH

## ORDERING INFORMATION

ELA-100	Ethernet Lightning Arrest Box
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