



ALL95100

Gigabit CAT 6 Surge Arrester

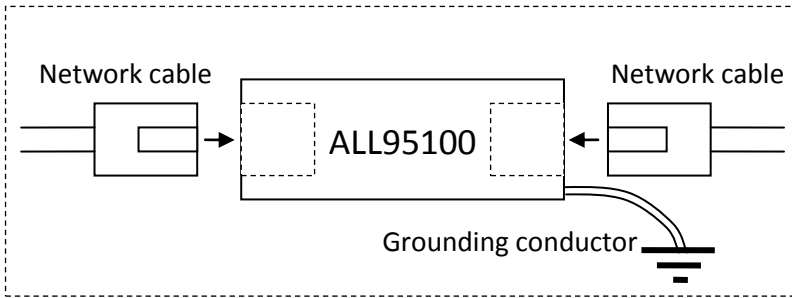


For 10/100/1000Mbit Ethernet + PoE

Quick Installation Guide

Safety instructions for the installation

- ALL95100 is just for network interface cards, hubs, switches and other network equipment.
- Never install the ALL95100 during a electric storm!
- Only for installation in cool, dry rooms.
- Power off all devices which should be prevented before installation.
- ALL95100 must be connected to ground.
- To prevent electrical shock while installing the ground wire to the electrical power outlet ground, disconnect electricity to the outlet. From the electrical panel, switch off the appropriate circuit breaker or remove the fuse.



Note: Due to the bi-directional structure of the ALL95100 Surge arresters the input and output side is arbitrary exchangeable.

Installation

1. Power off the device which should be prevented.
2. Disconnect the network cable from the device which should be prevented.
3. Connect this network cable with one port of the ALL95100.
4. Connect one end of another network cable with the second port of the ALL95100.
5. Connect the other end of this network cable to the device which should be prevented.
6. Connect the yellow-green ground wire with an external grounding conductor.

Technical specifications

Peak Surge Current:	10kA (8/20 μ s), 100A (10/1000 μ s)
Breakover Voltage:	90VDC \pm 20% (Pair to Earth) <450V (bei 100V/ μ s) <600V (bei 1kV/ μ s)
Diff. Clamping:	<15V, <5ns, 30Apk (Pair wire to wire)
Diff. Capacity:	<4.0pF
PoE-able:	IEEE802.3af, at, LTPoE++ up to 90W
Operating Temperature:	-15°C to 65°C
ESD:	IEC 61000-4-2 class 4 (10kV CD)
Relative Humidity:	95%, non-condensing
Lines Protected:	(Pins) 1 - 8 (on 8 pinned modular jack)
Standard Compliance:	IEEE 802.3, CAT 5, 6

Please note: We recommend that the protective conductor should be installed by a qualified electrician.

CE-Declaration of Conformity



For the following equipment:

Gigabit CAT 6 Surge Arrester

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CE The safety advice in the documentation accompanying the products shall be obeyed. The conformity to the above directive is indicated by the CE sign on the device.

The Allnet ALL95100 conforms to the Council Directives of 2004/108/EC.

This equipment meets the following conformance standards:

IEC61000-4-6:2009
IEC61000-4-8:2010, IEC61000-4-11:2004
IEC60950-1:2006+A11:2009+A1:2010

This equipment is intended to be operated in all countries.

This declaration is made by
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Germering, 03.05.2013



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