

1. Description

The eNovation Technology product is a network device protecting for IP camera, etc, network device. from voltage transients. Surge protective device with RJ45 interface. Designed according to IEC 61643-21, IEEE 802.3 af/at (PoE / PoE+) and TIA/EIA-568

- 1.1 Network device, protect integrated power supply & network signal transmission cables in the twist pairs
- 1.2 Good discharge capacity, low voltage protection level
- 1.3 Quick response, high transmission speed, low signal attenuation
- 1.4 RJ45 connection, easy for installation

2. Technical data

2.1 Type	Mode B
2.2 Max. operating voltage (Pin : 1-2 / 3-6)	6 Volt
(Pin : 4-5 / 7-8)	60 Volt
2.3 Voltage protection level (Pin : 1-2 / 3-6)	< 30 Volt at 1 kV / uSec
(Pin : 4-5 / 7-8)	< 85 Volt at 1 kV / uSec
2.4 Protection lines (All pins)	(Pin : 1-2 / 3-6) and (Pin : 4-5 / 7-8)
2.5 Transient surge current	50 A (at 10/1000 uSec)
2.6 TOVs surge current (Pin : 1-2 / 3-6)	> 500 mA 50 Hz in 5 Sec.
2.7 Let through voltage (TOVs) (Pin : 1-2 / 3-6)	< 14 volt (due to TOVs surge current)
2.8 Clamping voltage (Pin : 1-2 / 3-6)	8 Volt $\pm$ 25% at current > 100 mA 50 Hz
2.9 Data transmission rate	10/100 Mbps (CAT5)
2.10 Operating temperature range	-20°C... + 70°C
2.11 Connection (input/output)	RJ45 shield socket
2.12 Earthing via	Earthing screw
2.13 Shield earthing	Indirectly via metal housing
2.14 According to	IEC 61643-21 ; IEEE C62.41.1-2002, IEEE 802.3 af/at (PoE / PoE+) ; TIA/EIA-568, ITU-T Rec. K.12

3. Mechanical data

- 3.1 Temperature : -20 °C to +70 °C
- 3.2 Relative humidity : $\leq$ 95% (25°C)
- 3.3 This product is connected in series to the network system.
- 3.4 Individual, wall, 35 mm. DIN rail mounting
- 3.5 Housing material : UL94V-0
- 3.6 Weight : 107 grams
- 3.7 Dimension : 102 mm. x 25 mm. x 25 mm.



Model : ENVDA5-B01
Installation for indoor