



MSTronic Co., Ltd.

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MS-T5616G

Network Lightning/Surge Protector
PoE Compatible

Feature

- + CAT5/CAT5e compatible
- + Gigabit Ethernet available
- + Cast aluminum construction
- + 802.3at/bt compliant
- + AC/DC, DC/DC PoE available

Specification

Operating Voltage	Data 5V PoE 56V
Clamping Voltage	Data 10V , POE 120V(1*)
Max. Surge Discharge Current	10KA (8/20uS)
Peak Pulse Current	100A (10/1000uS)
Pin Protected	All 8 pin protected
Protection Mode	Differential & Common mode
Insulation Impedance	> 1000M Ohm
Max. Shut Capacitance	<25pF
Data Rate	10/100/1000 Mbps
Impulse protected Voltage	< 650V
Response Time	< 5 nS
Enhance ESD	+/- 15KV (air), +/- 8KV(contact) class C
PoE Operation Current	2.5A max. on 4 pairs (@56V)
Operating Temperature	-40°C~+85°C



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Storage Temperature	-40℃~+85℃
Operating Humidify	0~95% non condensing
Ground Lug wire	14 AWG 275 mm +/- 5mm
Dimensions	19" 1U rack
Weight	1.6 Kg

Note 1: all has difference

1 to 2	6 ~ 10V
3 to 6	6 ~ 10V
4 to 5	6 ~ 10V
7 to 8	6 ~ 10V
4,5 to 7,8	120V ~ 140V
1,2 to 3,6	120V ~ 140V
4,5 to FG	60V ~ 70V
7,8 to FG	60V ~ 70V
1,2 to FG	60V ~ 70V
3,6 to FG	60V ~ 70V

1. suit for PoE over Pin 1,2,3,6 (MODE A) or 4,5,7,8 (MODE B) or both.
2. RJ45s shield connected to enclosure, grounding wire connected to enclosure.

