



MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, New Taipei City, 248, Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

WEB: <http://www.mse.com.tw>

MS-T800E

Network Lightning/Surge Protector
PoE Compatible

Feature

- + **Shielded RJ45 jack and metal housing for EMI noise suppression**
- + **CAT5e/CAT6/CAT6a compatible**
- + **Gigabit Ethernet available**
- + **Cast aluminum construction**
- + **Integrated mounting brackets**
- + **802.3af/at compliant**



Specification

1. Nominal voltage operating DC voltage: 48 V
 2. Max. continuous operating DC voltage: 56V
 3. Max. continuous DC voltage pair-pair (PoE): 58V
 4. Nominal current: 1.25 A(Each pair of lines)
 5. Nominal discharge current line-line: 125A (8/20 μ s)
 6. Nominal discharge current line-FG: 100A (10/1000 μ s,300 times with 3 mins interval)
 7. Total nominal discharge current line-FG: 5KA (8/20 μ s,10 times with 3 mins interval)
 8. Voltage protection level line-line: 47V ~ 77V (@ IP = 2.5A(@rising voltage 100V/s)
 9. Voltage protection level line-line (POE): 98V ~ 550V (@rising voltage 1000V/ μ S)
 10. Voltage protection level line-FG: 98V ~ 550V (@rising voltage 1000V/ μ S)
 11. Rated Stand-OFF Voltage : 48V(1,2/3,6) & (4,5/7,8)
 12. Capacitance line-line: ≤ 5 PF
 13. Capacitance line-FG: ≤ 5 PF
 14. Operating temperature range: -40°C to +90°C
 15. Connection (input / output): RJ45 socket
 16. Pinning 1 / 2, 3 / 6, 4 / 5, 7 / 8 (available for Mode A and B)
 17. Data Rate : 10/100/1000 Mbps
 18. Ground Lug Wire : 14AWG 300 mm $\pm$ 50 mm
 19. Weight : 390g
 20. Dimensions : 88 x 49 x 104 mm (include bracket)
88 x 47 x 85 mm (main body)
- Tolerance: ± 0.5 mm