

Data Surge Protector SPD E3PM Outdoor Gigabit Ethernet
 D38999/20WB35PN D38999/20WB35SN SASD, GDT HEMP Tested

HT-NO-E3PM-GBE E3PM HT GbE



Features

- Gigabit Ethernet Protocol
- Tested to HEMP and Lightning
- Enhanced Shielding Effectiveness
- D38999 MIL Connectors
- Bulk Head Mount
- 15 Year Warranty

Applications

- Government Facilities
- Military Installations and Mobile Equipment
- Telecommunications Base Stations
- WISP/ISP
- Backup Power Systems
- Emergency Management Systems
- First Responder Sites
- IT & Data Centers
- Banking & Finance
- SCADA Systems
- LMR

Description

EMP protector (also known as HEMP/NEMP protector) HT-NO-E3PM-GBE from Transtector is a specially designed high-performance surge protector that has been tested to the most extreme early time and intermediate time High Altitude Electromagnetic Pulse environment from MIL-STD-188-125. This EMP protector utilizes state of the art SASD/GDT technology and enhanced electrical shielding features to protect critical equipment against this potentially devastating threat. Transtector HEMP Tested EMP surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Connectors	D38999/20WB35PN to D38999/20WB35SN			
Data Protocols	Gigabit Ethernet			
Data Rate			1,000	Mb/s
Characteristic Impedance			100	Ohms

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, GDT		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G, L-L		
8/20µs Surge Current				

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Data Surge Protector SPD E3PM Outdoor Gigabit Ethernet D38999/20WB35PN D38999/20WB35SN SASD, GDT HEMP Tested HT-NO-E3PM-GBE](#)

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L-G	0.1	kA
E1 20/500ns Surge Current	5	kA
E2 1.5/3000µs Surge Current	25	A
Response Time	5	ns

Mechanical Specifications

Size

Height	2 in	[50.8 mm]
Width	2 in	[50.8 mm]
Depth	5.69 in	[144.53 mm]
Weight	1.5 lbs	[680.39 g]

Environmental Specifications

Operating Temperature	-55 to +85 deg C
Storage Temperature	-55 to +85 deg C

Installation

Mount Type	Bulkhead
Installation Hardware	6-32 x .375 Self-Lock Screw, #6 Washer, EMI Gasket

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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URL: <https://www.transtector.com/data-surge-protector-spd-e3pm-outdoor-gigabit-ht-no-e3pm-gbe-p.aspx>

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HT-NO-E3PM-GBE CAD Drawing

