

Data Surge Protector SPD E3PM Outdoor GPS Isolated  
 BNC SASD, GDT, TBU HEMP Tested

## HT-NO-E3PM-GPST E3PM HT GPST



### Features

- EMP Protection Level 1, 2, 3
- Gigabit Ethernet Protocol
- Tested to HEMP and Lightning
- Enhanced Shielding Effectiveness
- BNC Connectors
- Bulkhead 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-GPST 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, TBU 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		Isolated BNC		
Data Protocols		GPS		
Characteristic Impedance			50	Ohms

### Surge Protection Specification

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

8/20 $\mu$ s 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 GPS Isolated BNC SASD, GDT, TBU HEMP Tested HT-NO-E3PM-GPST](#)

Data Surge Protector SPD E3PM Outdoor GPS Isolated  
 BNC SASD, GDT, TBU HEMP Tested

## HT-NO-E3PM-GPST E3PM HT GPST



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	1.75 in	[44.45 mm]
Width	3.46 in	[87.88 mm]
Weight	1 lbs	[453.59 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 5/8 Cap Screw, #6 Split 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.

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 GPS Isolated BNC SASD, GDT, TBU HEMP Tested HT-NO-E3PM-GPST](#)

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

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

3