

Data Surge Protector SPD ALPU Outdoor Gigabit Ethernet/
PoE++ Shielded RJ45 SASD HEMP Tested

HT-NO-ALPU-GBEP
ALPU HT GBEPOE



Features

- EMP Protection Level 1, 2, 3
- Gigabit Ethernet/PoE++ Protocol
- Tested to HEMP and Lightning
- Enhanced Shielding Effectiveness
- Shielded RJ-45
- Pole or Wall 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-ALPU-GBEP 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 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		Shielded RJ45		
Compatible Cables		Cat5/5e UTP/STP, Cat6/6A STP		
Data Protocols		Gigabit Ethernet/PoE++		
Data Rate			1,000	Mb/s
Characteristic Impedance			100	Ohms
Capacitance (Common)			15	pF
Vdc Rating (Data)		90	92	Vdc
PoE Power			92	W
PoE Current Per Pin			1	A

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 ALPU Outdoor Gigabit Ethernet/PoE++ Shielded RJ45 SASD HEMP Tested HT-NO-ALPU-GBEP](#)

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G, L-L		
10/1000µs Surge Current				
L-G			100	A
E1 20/500ns Surge Current			5	kA
E2 1.5/3000µs Surge Current			50	A
Vpl 10/1000µs				
L-L			134 @ 100A	Vpk
Response Time			5	ns

Mechanical Specifications

Size

Height	7.15 in	[181.61 mm]
Width	5.69 in	[144.53 mm]
Depth	4.19 in	[106.43 mm]
Weight	0.8 lbs	[362.87 g]

Environmental Specifications

Operating Temperature	-40 to +75 deg C
Storage Temperature	-40 to +75 deg C

Environmental Protection Rating	NEMA 3R
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Installation

Mount Type	Pole/Wall
Installation Hardware	#6 X 1" Self-Tapping Screw, Anchor
Grounding	1/4-20 Screw, Washer

Compliance Certifications

RoHS Compliant	Yes
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ALPU HT GBEP OE



UL Compliant
Certifications

Yes
UL 497B

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-alpu-outdoor-gigabit-ht-no-alpu-gebep-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.

HT-NO-ALPU-GBEP CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/21/19
		APPROVED DWR

5.69 [144.5]
3.44 [87.4]

7.15 [181.6]

INTERNAL GROUND STUD
POLE/WALL MOUNTING EARS WITH GROUND LOCATIONS
2X SHIELDED RJ45 JACKS LINE/EQUIP
2X LID REMOVAL SCREWS
2X WIRING PORTS WITH INTERNAL STRAIN RELIEFS FOR IN/OUT SERVICE WIRING

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 .X±.2 [5.08] FRACTIONS ± 1/32
 .XX±.01 [.25] ANGLES ± 1°
 XXX±.005 [.13]

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
THIRD-ANGLE PROJECTION

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SHEET 1 OF 1
SCALE 1:3

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SIZE CAGE DRAWN BY PART NUMBER
A 30992 HMB HT-NO-ALPU-GBEP

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