TRANSTECTOR
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14x12x07 Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Insulated Enclosure, PoE MNT PLT, Pwr Supply Incl, Thermostat Heat Gray



TEF141207-4H0N

Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure with foam insulation to minimize heat loss in sub-zero installations
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4 / IP66 rated
- Fully gasketed raised lid & integral mounting flange
- Features aluminum mounting plate & thermostat-controlled heating system
- Power provided to the heating system from remote mounted DC injector and power supply (included)

Applications

- Remote wireless LAN WiFi equipment installations
- Rapid deployment & indoor/outdoor installations
- 100% foam insulated to minimize heat loss in sub-zero installations
- Corrosive environments
- Hotspot
- Protection of equipment from theft or damage

Description

The box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass reinforced polyester, it is well suited for high temperature or corrosive environments. The mounting flange allows it to be wall mounted as well as on a flat surface. The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The raised lid is fully gasketed. The enclosure material is UV stabilized and comes in machine tool gray.

The TEF141207-4H0N enclosure is designed for use in sub-zero environments down to -30°F (-34°C). Foam insualtion is installed to minimize heat loss & it features a 48 VDC thermostat controlled heating system that will along with the heat generated by an internal device such as an access point, maintain a nominal internal ambient temperature of +40°F (4°C). A single CAT5 cable provides power to the heating system from a remote mounted DC injector TEF14-C5-TE2 and power supply which are included with the enclosure. An additional CAT5 cable would then be used to supply data and power to installed PoE equipment.

This Enclosure Includes

TEF14-C5-TE2 - DC Injector: used to supply heating system power to a single NB141207-4H0N sub-zero heated enclosure

70W Power Supply for TEF14-C5-TE2 DC Injector: 48VDC@70W, 110/220 VAC, 2.5mm DC Plug

Additional Applications

For applications requiring multiple enclosure installations we recommend purchasing the TEF14-C5-TE12. This rack mount DC injector can supply power for up to 12 TEF141207-4H0N heated enclosures.

The Transtector TEF141207-4H0N sub-zero NEMA enclosure uses a proprietary wiring pin out. The RJ-45 connectors on the TEF141207-4H0N sub-zero NEMA enclosure or the Transtector sub-zero DC power injector, should never be connected to any other manufacturers equipment. Transtector Systems Inc. is not liable for any damage done to incompatible equipment due to misuse of the Transtector sub-zero NEMA equipment.

*Note: Enclosure ports (cable conduit connector and N-type holes for lightning protectors or connectors) must be properly sealed to maintain NEMA Type 4 / IP66 rating.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
14x12x07 Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Insulated Enclosure, PoE MNT PLT, Pwr Supply Incl, Thermostat Heat Gray TEF141207-4H0N

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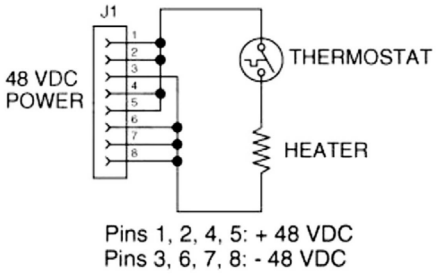


TEF141207-4H0N

Size

Outer Height	15.5 in	[393.7 mm]
Outer Width	13.32 in	[338.33 mm]
Outer Depth	8.26 in	[209.8 mm]
Inner Height	14 in	[355.6 mm]
Inner Width	12 in	[304.8 mm]
Inner Depth	7.95 in	[201.93 mm]
Weight	10.81 lbs	[4.9 kg]
Enclosure Material and Plating	Fiberglass Reinforced Polyester (FRP)	

MOUNTING PLATE DIAGRAM-TEF141207-4H0N



Pins 1, 2, 4, 5: + 48 VDC
Pins 3, 6, 7, 8: - 48 VDC

Environmental Specifications

Temperature Continuous	-50 to +150 deg C
NEMA Rating	4
Ingress Protection (IP) Rating	IP66

Compliance Certifications

UL Listed	No

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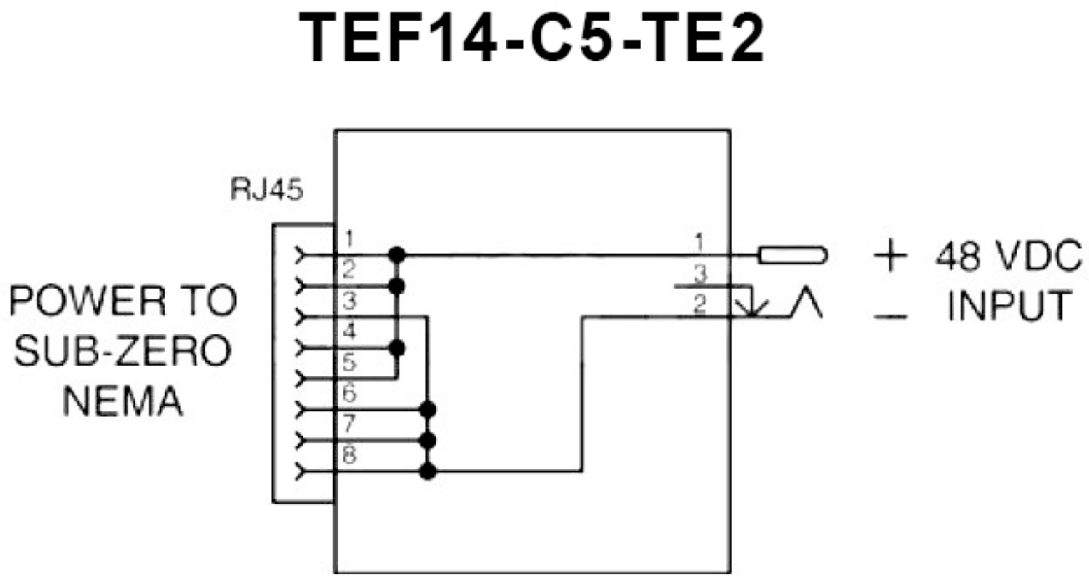


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Additional Data

DC Injector Specifications

Enclosure Material	Cast Aluminum Alloy
Weight	.28 lbs (.13 kg)
Dimensions	3.6 x 1.4 x 1.2 in. (91.4 x 35.5 x 30.4 mm)



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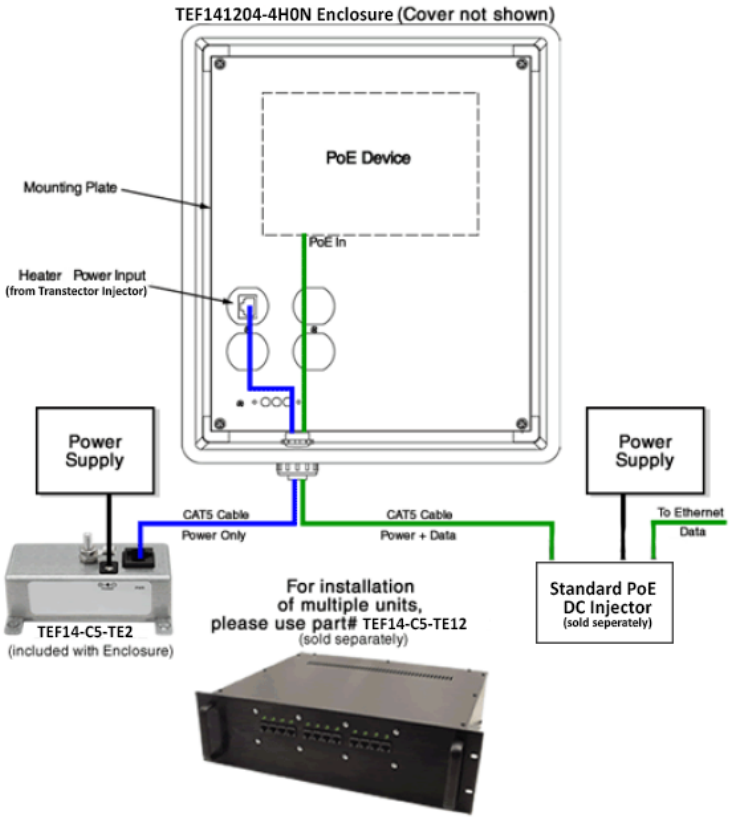
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Application Diagram



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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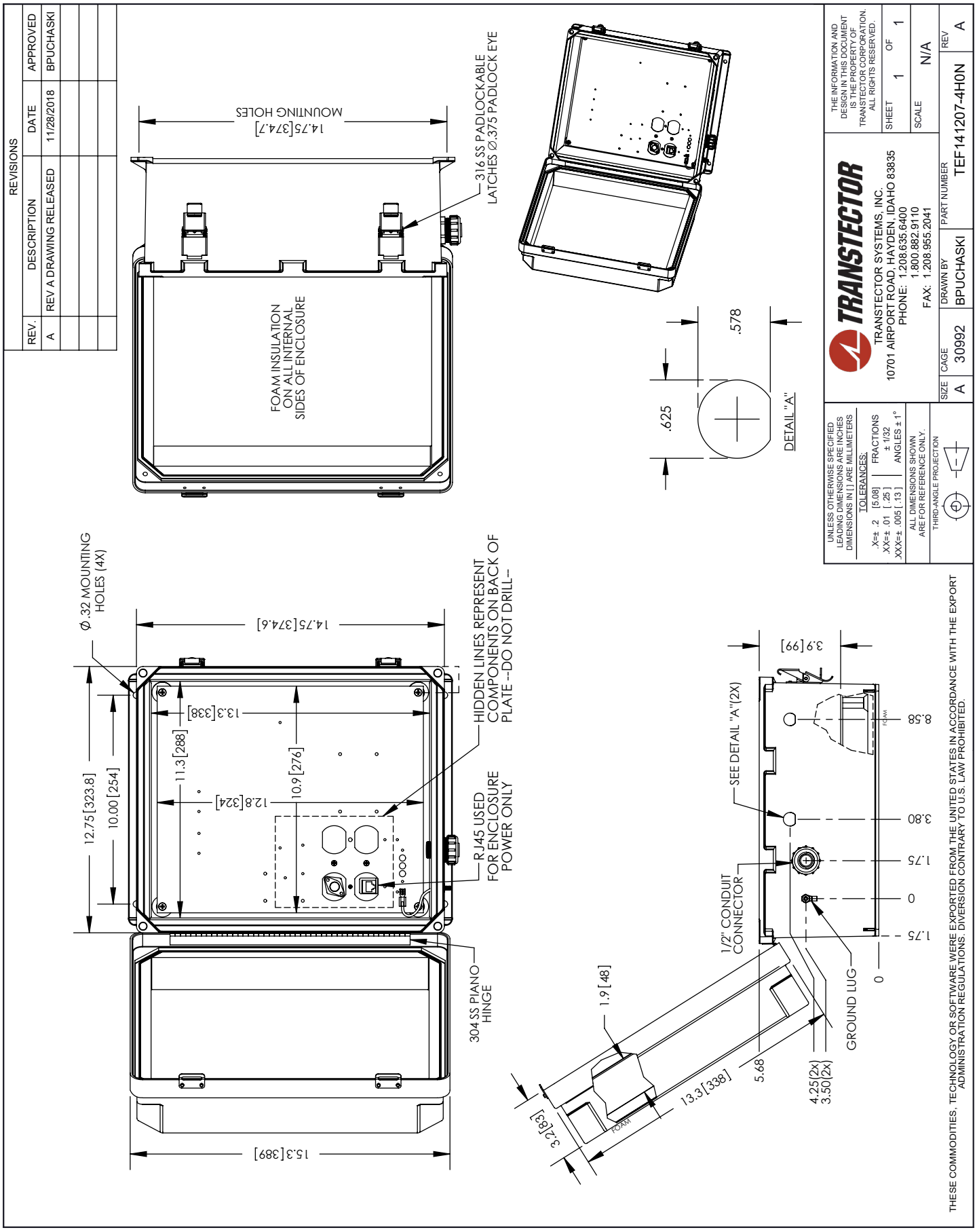
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TEF141207-4H0N CAD Drawing



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