14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, PoE MNT PLT, Mechanical Thermostat 48 VDC Fan Gray



## TEF141207-40F

### Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 3R / IP24 rated
- Fully gasketed raised vented lid with filters with integral mounting flange
- Features aluminum mounting plate with Power-Over-Ethernet (PoE) interface with CAT5 surge protection & thermostat controlled cooling system

### Applications

- Remote wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Hot temperature environments
- Rapid deployment installations
- Corrosive environments

### 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. Includes fully gasketed raised vented lid with filters & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

The aluminum mounting plate included with the TEF141207-40F, has provisions to mount WLAN equipment. The enclosure also features holes for two N-bulkhead lightning protectors or connectors, a grounding lug and cable conduit connector.

Power-Over-Ethernet (PoE)

The mounting plate features a CAT5 PoE interface that feeds power to the enclosure fan and power plus data to the internal network equipment. The enclosure is not 802.3af/at/bt PoE compatible. It requires one of our 48 volt DC PoE Midspan injectors to supply power. The interface includes lightning protection and support for normal and reverse polarity POE equipment. An optional 802.3af compatible PoE interface with surge protector can be added for a second CAT5 cable.

Cooling Fan

The TEF141207-40F model includes a thermostat controlled 48 VDC cooling fan that is powered via the CAT 5 PoE interface. The high airflow, low noise fan featuring sealed ball bearings, evacuates heat from the top of the enclosure. Filters for both ports prevent foreign objects or debris from entering the enclosure. The fan turns on when the internal temperature rises to 120° F (49° C) ±5° and turns off at 90° F (32° C) ±10°.

### 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] |

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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## TEF141207-40F

| | |
|---|---|
| Weight | 12.28 lbs [5.57 kg] |
| Enclosure Material and Plating | Fiberglass Reinforced Polyester (FRP) |

### Environmental Specifications

| | |
|---|---|
| Temperature Continuous | -50 to +150 deg C |
| NEMA Rating | 3R |
| Ingress Protection (IP) Rating | IP24 |

### Compliance Certifications

| | |
|---|---|
| UL Listed | No |

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.

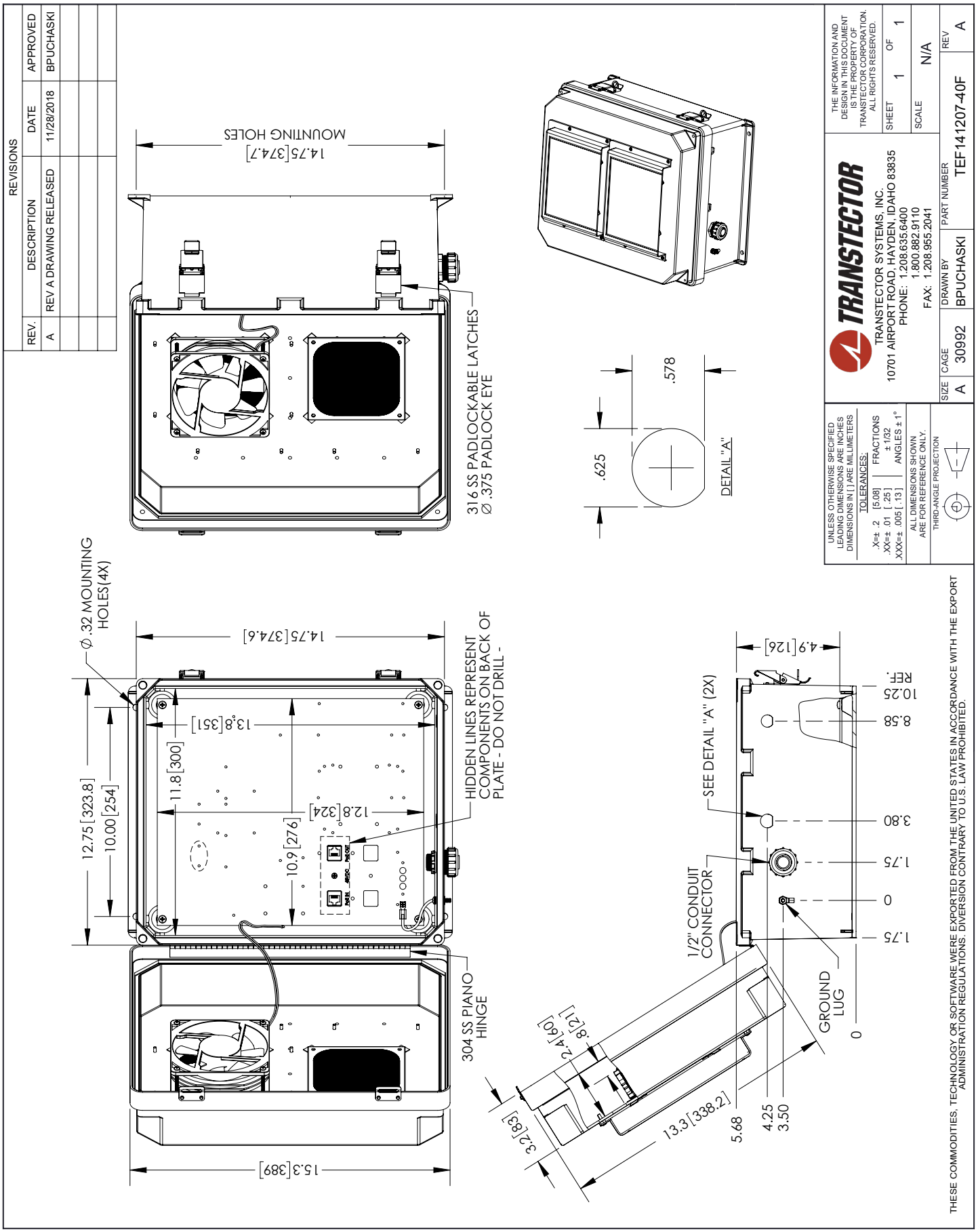
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URL: https://www.transtector.com/14x12x07-fiberglass-reinf-polyester-frp-weatherproof-outdoor-tef141207-40f-p.aspx

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## TEF141207-40F CAD Drawing





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