

## 14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, 120 VAC MNT PLT, Solid State Thermostat Heat Gray



### TEF141207-1H0S

#### Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4 / IP66 rated\*
- Fully gasketed raised lid & integral mounting flange
- Features aluminum mounting plate with surge protected duplex 120 VAC outlets & solid state thermostat controlled heating system

#### Applications

- Remote wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid deployment 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 integrated mounting flange allows it to be mounted directly to any flat wall surface provided proper screws are used into secure studs.

The enclosure can be also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits.

The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. Includes fully gasketed lid & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

#### Mounting Plate

The aluminum mounting plate included with the TEF141207-1H0S features standard surge protected duplex 120 VAC outlets and a terminal block for easy hook up to externally provided line power. The enclosure also features holes for two N-Bulkhead Lightning Protectors or Connectors, a grounding lug and cable conduit connector.

#### Heating

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure needs to be controlled. With the built-in heater, internal temperatures can be better maintained. This model is ideal in Cold environments

The heater is controlled by an integral high current solid state AC relay. The relay features Zero Cross Detection for EMI reduction.

The TEF141207-1H0S includes our exclusive solid state temperature controller that utilizes a 200W heater. The controller features improved temperature set point accuracy. The heater turns on when the internal temperature drops to 16° F (-9° C) ±5° and turns off when the temperature hits 25° F (-4° C) ±5°. The heater does not require the use of any of the AC outlets, leaving them all available for your equipment. No extra room for the heaters is required since it is mounted underneath the plate.

The TEF-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include TEF-PMT13, TEF-PMT16, TEF-PMT28, TEF-PMT29, TEF-PMT30 & TEF-PMT33

\*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.

#### Mechanical Specifications

##### 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] |

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|                                     |                                       |           |
|-------------------------------------|---------------------------------------|-----------|
| Weight                              | 16 lbs                                | [7.26 kg] |
| Enclosure Material                  | Fiberglass Reinforced Polyester (FRP) |           |
| <b>Environmental Specifications</b> |                                       |           |
| Temperature Continuous              | -50 to +150°C                         |           |
| NEMA Rating                         | 4                                     |           |
| Ingress Protection (IP) Rating      | IP66                                  |           |
| <b>Compliance Certifications</b>    |                                       |           |
| 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, 120 VAC MNT PLT, Solid State Thermostat Heat Gray TEF141207-1H0S](https://www.transtector.com/14x12x07-fiberglass-reinf-polyester-frp-weatherproof-outdoor-tef141207-1h0s-p.aspx)

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TEF141207-1H0S CAD Drawing

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4 Enclosure, 120 VAC MNT PLT, Solid State Thermostat Heat Gray

