

14x12x07 UL Listed Fiberglass Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Solid State Therm. Heat & Fan Gray



TEF141207-1HFS-UL

Features

- UL® Listed 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 & integral mounting flange
- Features aluminum mounting plate with surge protected duplex 120 VAC outlets & solid state thermostat controlled heating & cooling 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

UL® Listed Enclosure

The TEF141207-1HFS-UL is approved and listed with UL, meeting the stringent requirements for Communication Enclosure System 40XX. The UL listing number is E505359. Use this enclosure when UL listed products are required by the project.

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 vented lid with filters & integral mounting flange.

Mounting Plate

The aluminum mounting plate included with the TEF141207-1HFS-UL 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 & Cooling

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

For Heating the TEF141207-1HFS-UL 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.

For Cooling the TEF141207-1HFS-UL model includes our exclusive solid state temperature controller connected to a 16.4W fan. The high airflow, low noise fan used allows warm air to be actively pushed out the top vent while the lower vent passively pulls in outside air into the enclosure. Filters for both ports prevent foreign objects or debris from entering the enclosure. The controller features improved temperature set point accuracy. The fan turns on when the internal temperature rises to 90° F (32° C) ±5° and turns off at 81° F (27° C) ±5°. Like the heater, the cooling fan does not require the use of any of the AC outlets, leaving them all available for your equipment.

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

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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]
Weight	13 lbs	[5.9 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

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

Compliance Certifications

UL Listed	E505359
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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 UL Listed Fiberglass Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Solid State Therm. Heat & Fan Gray TEF141207-1HFS-UL](https://www.transtector.com/14x12x07-ul-listed-fiberglass-polyester-frp-weatherproof-tef141207-1hfs-ul-p.aspx)

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The information contained within 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 liability arising out of the use of any part or document.

TEF141207-1HFS-UL CAD Drawing

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