TRANSTECTOR
an INFINITE brand

18x16x08 Fiberglass Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Solid State Therm. Heat & Vented Lid Gray



TEF181608-1HVS

Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 3R / IP24 rated
- Fully gasketed vented lid with filters & 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 applications
- 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 also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits. The 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. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Plate

The modified aluminum mounting plate included with the TEF181608-1HVS comes with pre-drilled and cut holes to use as needed to mount WLAN equipment or whatever equipment you may require. The enclosure also features holes for two N-Bulkhead lightning protectors or connectors, a grounding lug, and a cable conduit connector to accept power or system feeds into the enclosure.

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 heaters and vented lid internal temperatures can be better maintained. This model is ideal in warm & cold environments. The heaters are controlled by an integral high current solid state AC relay. The relay features Zero Cross Detection for EMI reduction.

For heating the TEF181608-1HVS includes our exclusive solid state temperature controller that utilizes dual 200W (400W total) heaters. The controller features improved temperature set point accuracy. The heaters turn on when the internal temperature drops to 40° F (4.4° C) and turn off when the temperature hits 49° F (9.4° C). The heaters do 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.

To provide passive cooling the TEF181608-1HVS features a vented lid with vent covers on the outside of the enclosure & filters for both ports to prevent foreign objects or debris from entering the enclosure. This allows heat built up inside the enclosure to exit through the top vent while outside air is drawn in through the lower vent.

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

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
18x16x08 Fiberglass Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Solid State Therm. Heat & Vented Lid Gray
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Size

Outer Height	19.5 in	[495.3 mm]
Outer Width	17.5 in	[444.5 mm]
Outer Depth	10 in	[254 mm]
Inner Height	17.7 in	[449.58 mm]
Inner Width	15.7 in	[398.78 mm]
Inner Depth	8.4 in	[213.36 mm]
Weight	20 lbs	[9.07 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

Temperature Rating	-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.

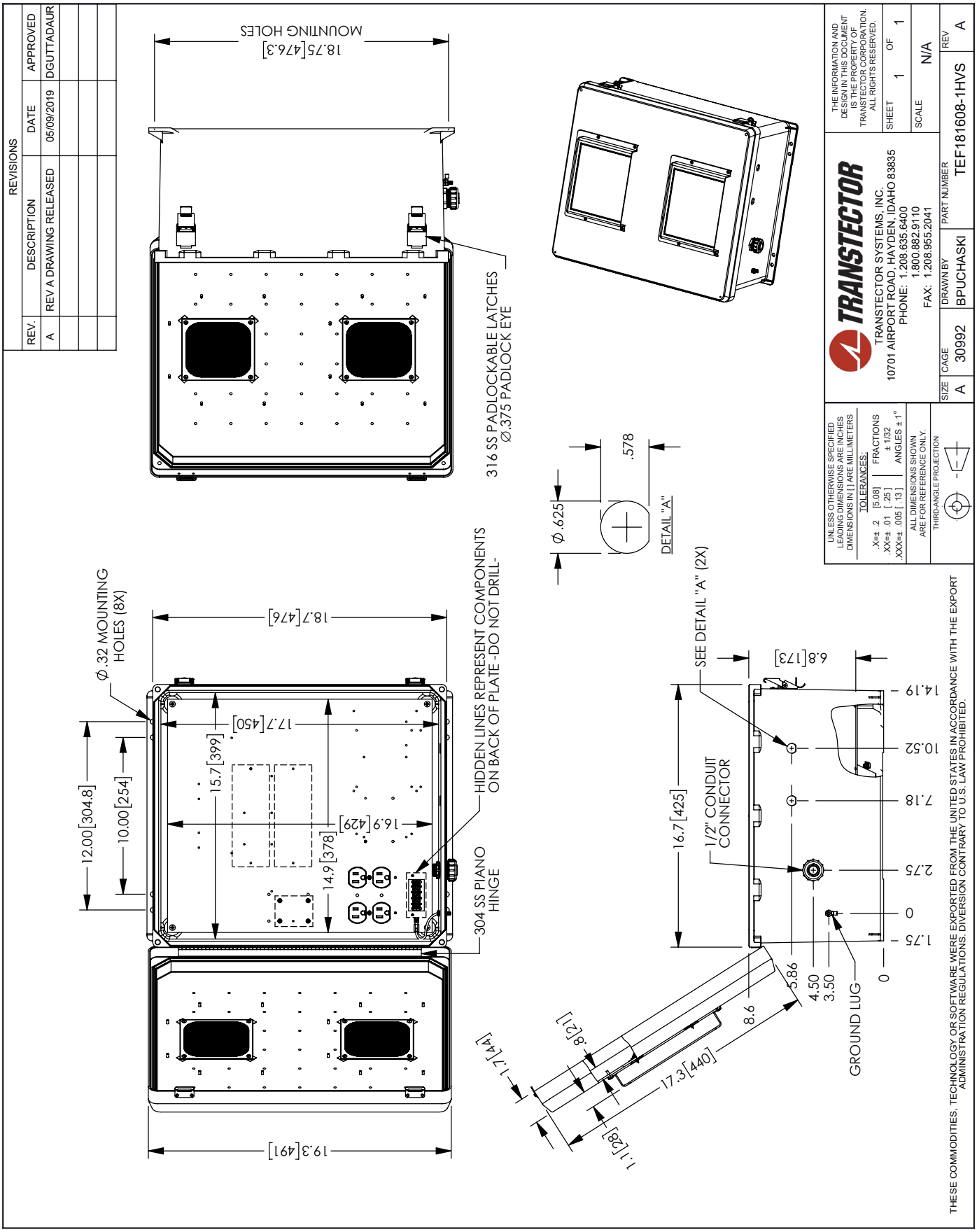
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URL: https://www.transtector.com/18x16x08-fiberglass-polyester-frp-weatherproof-outdoor-ip24-tef181608-1hvs-p.aspx

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TEF181608-1HVS CAD Drawing



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