

18x16x08 Fiberglass Reinf Polyester FRP Weatherproof Outdoor  
IP66 NEMA 4 Enclosure, Terminal Block Drilled Mount 12 VDC Gray

**TEF181608-500**



### Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4 / IP66 rated\*
- Fully gasketed lid & integral mounting flange
- Features aluminum mounting plate with DC terminal block

### Applications

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- 12 VDC such as battery back-up, solar power and vehicle power
- 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 lid & 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 TEF181608-500 comes with pre-drilled and cut holes and a terminal block for easy hook up to externally provided line power 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.

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

#### 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	19.3 lbs	[8.75 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[18x16x08 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, Terminal Block Drilled Mount 12 VDC Gray TEF181608-500](#)

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### Environmental Specifications

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

### Compliance Certifications

UL Listed	No
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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.

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URL: <https://www.transtector.com/18x16x08-fiberglass-reinf-polyester-frp-weatherproof-outdoor-tef181608-500-p.aspx>

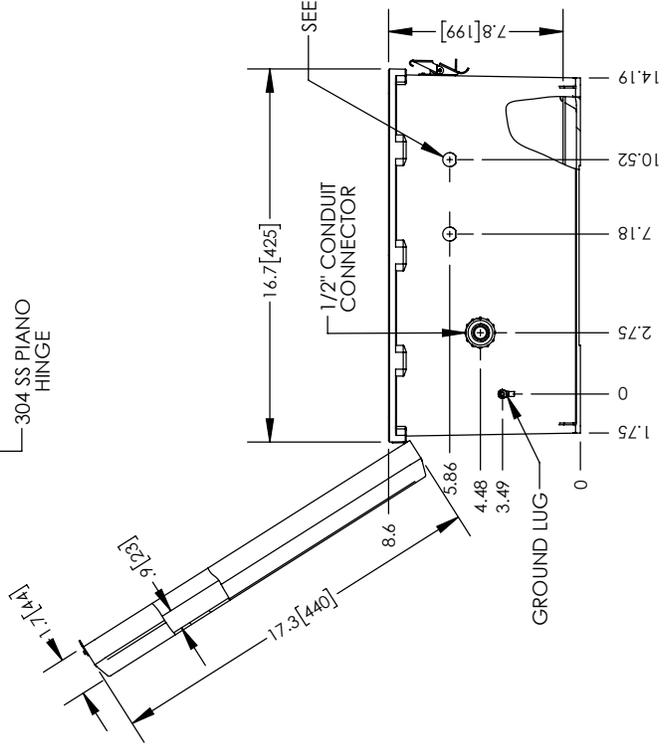
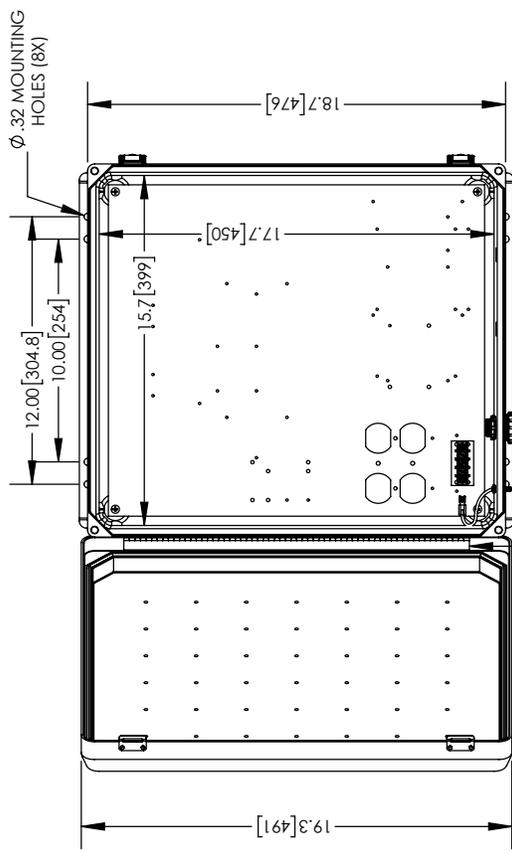
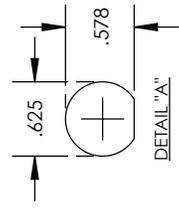
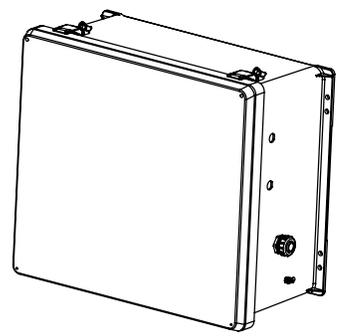
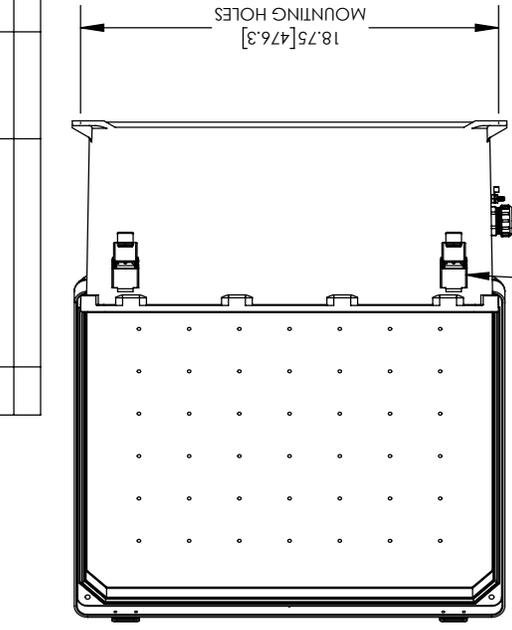
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18x16x08 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA

4 Enclosure, Terminal Block Drilled Mount 12 VDC Gray

TEF181608-500 CAD Drawing

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	REV A DRAWING RELEASED	05/09/2019	DGUTTADAUR



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 .X±.2 [5.08]  
 .XX±.01 [.25]  
 .XXX±.005 [.13]

FRACTIONS ±.1/32  
 ANGLES ±1°

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1  
 SCALE N/A

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