

18x16x08 Fiberglass Reinforced Polyester FRP
 Weatherproof Outdoor IP66 NEMA 4 Enclosure,
 Modified Base DIN Rail Mount Gray



TEF181608-000DR

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
- Installed mounting rails for use with DIN3 rails

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. The lid is fully gasketed. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Rails

The aluminum mounting rails installed within the TEF181608-000DR provides the ability to mount DIN3 rails for installing a number of off-the-shelf DIN modules and systems. Precut 35mm DIN Rail TEF18-DIN-35 available (sold separately).

The flexibility of DIN rail mounting system and the large selection of modules available, offers any number of application solutions indoors and out, even in harsh environments. The DIN rails can be adapted to hold other systems and components to accommodate their placement in the enclosure. The enclosure 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.

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	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	19.22 lbs	[8.72 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

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

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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.

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, Modified Base DIN Rail Mount Gray TEF181608-000DR](https://www.transtector.com/18x16x08-fiberglass-reinf-polyester-frp-weatherproof-outdoor-tef181608-000dr-p.aspx)

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TEF181608-000DR CAD Drawing

18x16x08 Fiberglass Reinforced Polyester FRP Weatherproof Outdoor IP66 NEMA

4 Enclosure, Modified Base DIN Rail Mount Gray

REVISIONS

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

FRONT VIEW: WITHOUT COVER

2X, SUPPORT RAILS

GROUND STRAP

2X, 3/16 STAINLESS STEEL
PADDLOCKABLE LATCHES
Φ.375 PADLOCK EYE

1/2" NEMA CONDUIT
CONNECTOR

GROUND LUG

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS
TOLERANCES:
X±: .2 [5.08] FRACTIONS:
XX±: .01 [25] ± 1/32
XXX±: .005 [13] ANGLES ± °
ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.
THIRD ANGLE PROJECTION

TRANSECTOR

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SIZE CAGE DRAWN BY PART NUMBER
A 30992 BPUCHASKI TEF181608-000DR
SCALE REV
1 1 N/A A

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