18x16x08 Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, 240 VAC Universal Outlet Mount PLT, MECH Thermostat Heat Gray

TEF181608-EH0

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 universal duplex socket for 240 VAC power & 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 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 TEF181608-EH0 features a duplex 240 VAC Universal EURO outlet 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 a cable conduit connector.

Heating

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

For heating, the TEF181608-EH0 includes two thermostat-controlled 200W (400W total) heaters. Each 200W heater is controlled by its own thermostat. The heaters turn on when the internal temperature drops to 40° F (4° C) ±7° and turn off at 60° F (15° C) ±5°. 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 they are 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

Size

Outer Height	19.5 in	[495.3 mm]

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 IP66 NEMA 4 Enclosure, 240 VAC Universal Outlet Mount PLT, MECH Thermostat Heat Gray TEF181608-EH0

+1 208 635 6400 | Transtector.com

18x16x08 Fiberglass Polyester FRP Weatherproof
Outdoor IP66 NEMA 4 Enclosure, 240 VAC Universal

TEF181608-EH0

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	20.5 lbs	[9.3 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

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

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.
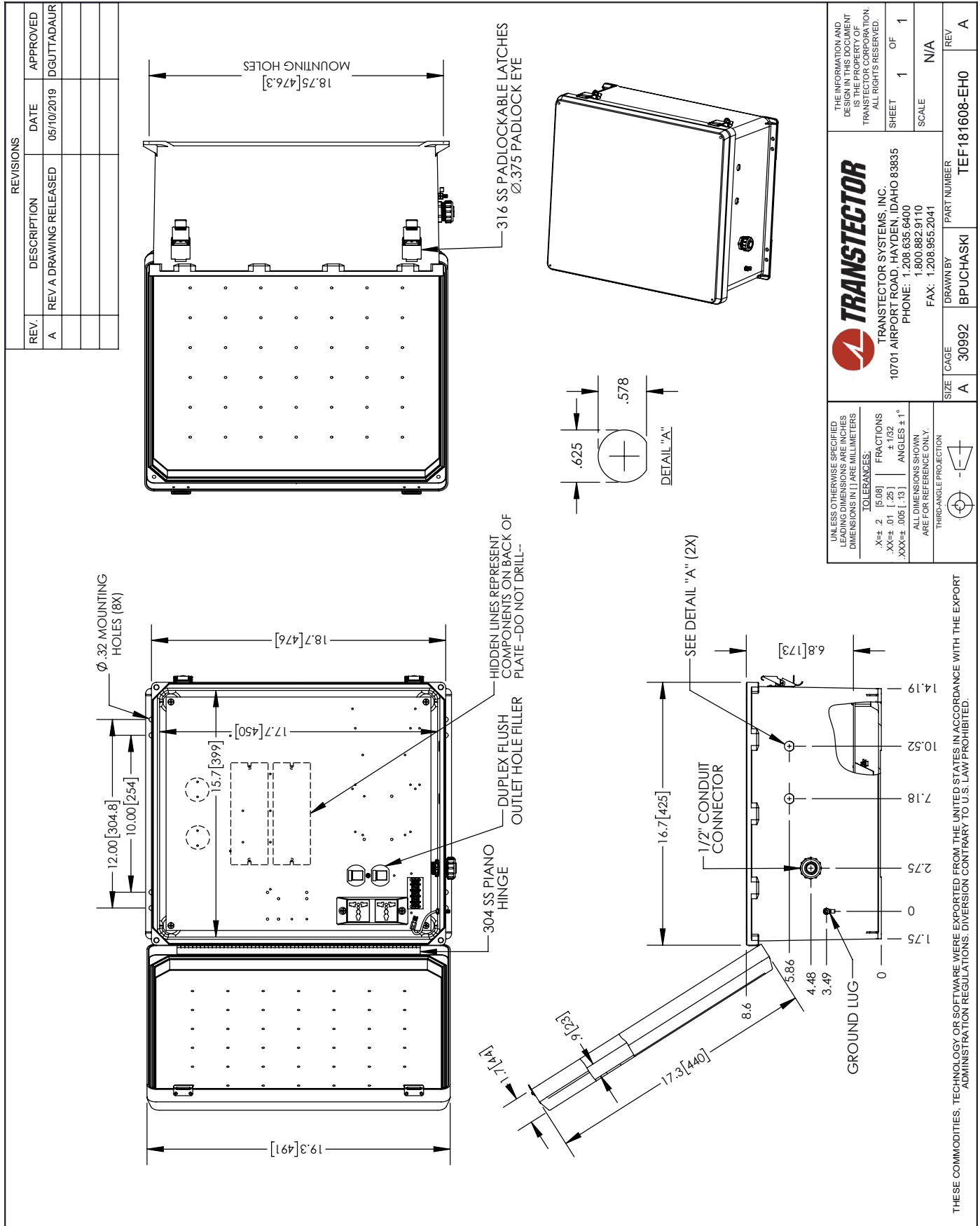
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 18x16x08 Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, 240 VAC Universal Outlet Mount PLT, MECH Thermostat Heat Gray TEF181608-EH0

URL: https://www.transtector.com/18x16x08-fiberglass-polyester-frp-weatherproof-outdoor-ip66-tef181608-eh0-p.aspx

18x16x08 Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, 240 VAC Universal Outlet Mount PLT, MECH Thermostat Heat Gray

TEF181608-EH0 CAD Drawing

TRANSTECTOR
TRANSTECTOR SYSTEMS, INC.
10701 AIRPORT ROAD, HAYDEN, IDAHO 83835
PHONE: 1.208.635.6400
1.800.882.9110
FAX: 1.208.955.2041

SIZE	CAGE	DRAWN BY	PART NUMBER
A	30992	BPUCHASKI	TEF181608-EH0

SHEET 1 OF 1
SCALE N/A
REV A

DRAWN BY BPUCHASKI

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

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	REV A DRAWING RELEASED	05/10/2019	DGUTTADAUR

MOUNTING HOLES
18.75 [476.3]

316 SS PADLOCKABLE LATCHES
Ø.375 PADLOCK EYE

DETAIL "A"
.578
.625

Ø.32 MOUNTING HOLES (8X)
18.7 [476]
17.7 [450]
15.7 [399]
12.00 [304.8]
10.00 [254]

HIDDEN LINES REPRESENT COMPONENTS ON BACK OF PLATE –DO NOT DRILL–

DUPLEX FLUSH OUTLET HOLE FILLER

304 SS PIANO HINGE

19.3 [491]

SEE DETAIL "A" (2X)
6.8 [173]
16.7 [425]
14.19
10.52
7.18
2.75
1.75
0

1/2" CONDUIT CONNECTOR

GROUND LUG

5.86
4.48
3.49
0

8.6
.6 [23]
1.7 [44]
17.3 [440]

+1 208 635 6400 | Transtector.com