

14x12x07 Stainless Steel Weatherproof Outdoor IP66 NEMA 4X Enclosure,
240VAC Universal Outlet Mount Plate Mechanical Thermostat Heat

TESS141207-EH0



Features

- 16ga. Brushed 304 Stainless Steel
- 304 Stainless steel latch with padlock eye
- NEMA Type 4X / IP66* rated
- Fully gasketed lid, integral welded mounting flange & 316 Stainless steel hinge and removable pin
- Features aluminum mounting plate with universal duplex socket for 240 VAC power & thermostat controlled heating system

Applications

- Electrical & Electronics Instruments, Controls & Components, Wireless LAN WiFi equipment
- Indoor and outdoor installations
- Rapid Deployment Installations
- EMI/RFI Sensitive environments/equipment
- 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 16ga. Brushed 304 Stainless Steel that provides superior protection against corrosion, chemicals and wet conditions. The enclosure is constructed with UV protected and impact resistant material to ensure protection in any environment. The integrated welded mounting flange allows the enclosure 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 range of pole diameters with one of our optional pole mounting hardware kits. The fully gasketed lid features a 316 stainless steel removable hinge pin that allows for quick removal & reattachment with only a pair of pliers. The enclosure comes with a 304 stainless steel latch with padlock eye allowing you to secure the enclosure from tampering.

Mounting Plate

The aluminum mounting plate included with the TESS141207-EH0 features two 240 VAC Universal Euro outlets (contained in one duplex socket) 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

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

The TESS141207-EH0 includes a thermostat-controlled 200W heater. The heater turns on when the internal temperature drops to 40° F (4° C) ±7° and turns off at 60° F (15° 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 heater is required since it is 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 4X / IP66 rating

Size

Outer Height

14.5 in [368.3 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [14x12x07 Stainless Steel Weatherproof Outdoor IP66 NEMA 4X Enclosure, 240VAC Universal Outlet Mount Plate Mechanical Thermostat Heat TESS141207-EH0](#)

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Outer Width	13 in	[330.2 mm]
Outer Depth	7.83 in	[198.88 mm]
Inner Height	14.4 in	[365.76 mm]
Inner Width	12 in	[304.8 mm]
Inner Depth	7.69 in	[195.33 mm]
Weight	18 lbs	[8.16 kg]
Enclosure Material	304 Stainless Steel	

Environmental Specifications

Temperature Rating	-40° to 265° F [-40° to 129° C]
NEMA Rating	4X
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/14x12x07-stainless-steel-weatherproof-nema-4x-enclosure-tess141207-eh0-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/18/2020	MMARTINEZ

VIEW A-A

14.50 [368.3]

13.00 [330.2]

4x Ø .32 [8.1] THRU

THERMOSTAT

HEATER

LID NOT SHOWN FOR CLARITY

SECTION B-B

13.01 [330.5]

11.18 [284.0]

7.83 [198.8]

1/2" CONDUIT CONNECTOR

GND LUG

(.060 [1.52])

DETAIL C

.625 [15.88]

.578 [14.68]

2X

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

TOLERANCES:

$X = \pm .2$	FRACTIONS
$XX = \pm .02$	$\pm 1/32$
$XXX = \pm .005$	$.51$

CABLE LENGTH(L) TOLERANCES:

$L \leq 12$	305	$= \pm 1$	$[25]$	-0
$L \leq 60$	$[1524]$	$= \pm 2$	$[51]$	-0
$60 \leq L \leq 120$	$[3048]$	$= \pm 4$	$[102]$	-0
$L \geq 120$	$[3048]$	$= \pm 6$	$[152]$	-0

**ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.**

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SIZE A CASE CODE 30992 DRAWN BY DZINN ITEM NO. TESS141207-EHO REV A

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1
SCALE N/A