20x16x08 UL® Listed Polycarb Weatherproof Outdoor IP68 NEMA 6P Enclosure, Clear Lid, Rail Kit, Dark Gray

TERWPC201608

Features

- UL® Listed High-Impact, UV Resistant Polycarbonate (Dark Gray)
- Non-metallic latches and a padlock eye
- NEMA Type 6P/ IP68 rated*
- Fully gasketed clear lid & integrated wall mount flange
- Rail Kit which comes with a Frame and set of four rails
- Low Profile, easily removable, Stainless Steel piano style hinge pin

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 High-Impact, UV Resistant Polycarbonate material that provides superior durability to impacts and ease of modification while maintaining minimum weight. It is well suited for high temperature or corrosive environments. The integrated wall mount flange allows the enclosure to be mounted directly to any flat wall surface provided proper screws are used into secure studs. The integrated flange also allows you to use compatible TEF-PMT pole mount kits to mount to a variety of pole diameters. The clear lid features a Stainless Steel piano style hinge pin system that allows for quick removal & can be reattached just as quickly for maximum access and flexibility to install equipment. The clear lid provides an unobstructed view inside the enclosure allowing for the monitoring of installed equipment and its data readout, activity or warning lights without the need to open the lid. The enclosure comes with a pair of Non-Metallic locking latches to provide a tight NEMA Type 6P/ IP68 rated* seal. The lid includes a padlock eye allowing you to secure the enclosure from tampering or unauthorized access. The included Rail Kit come uninstalled and bagged with its hardware inside of the enclosure. Once the rail kit is installed it provides more mounting options to install a front swing plate, side plates as well as the standard back plate. The rail kit also allows you to use a variety of additional accessories. The enclosure comes in a Dark Gray (Pantone 422C)

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-PMT35, TEF-PMT36, TEF-PMT37, TEF-PMT38 (sold separately)

Mounting standoffs inside the enclosure can be used to install backplates.

We offer two compatible aluminum back plate options (sold separately)

• TEF-PLATE41 with dimensions of 18.8" x 14.9"

• TEF-PLATE42 with dimensions of 19.4" x 15.4" which provides 10% more mounting space

We also offer a standard PVC back plate (sold separately)

• TEF-PLATE44 with dimensions of 18.8" x 14.9"

Additional compatible accessories available: (sold separately)

• TEPC-20-DIN35K 35mm DIN Rail Kit

• TEPCG-DSTPK door stop kit

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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• TEPC20-BPKG Panel Pad Kit

• TEPC20-SDP aluminum side panel

• TEPC20-SWP aluminum swing panel

*Note: Any holes or openings you might introduce must be properly sealed to maintain NEMA Type 6P / IP68 rating

Size

Outer Height	23.3 in	[591.82 mm]
Outer Width	19 in	[482.6 mm]
Outer Depth	9.4 in	[238.76 mm]
Inner Height	21.1 in	[535.94 mm]
Inner Width	15.9 in	[403.86 mm]
Inner Depth	7.9 in	[200.66 mm]
Weight	18 lbs	[8.16 kg]
Enclosure Material	Polycarbonate	

Environmental Specifications

Temperature Rating	-40° to 265° F [-40° to 129° C]
NEMA Rating	6P
Ingress Protection (IP) Rating	IP68

Compliance Certifications

UL Listed	E514156

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/20x16x08-ul-listed-polycarbonate-weatherproof-outdoor-ip68-terwpc201608-p.aspx

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TERWPC201608 CAD Drawing

SECTION A-A

8.9 [227]

8.0 [203]

21.3 INSIDE [541] DIMENSION

.5 [13]

FRAME (REMOVABLE)

4X SUPPORT RAIL (REMOVABLE)

SECTION B-B

17.3 INSIDE [439] DIMENSION

23.5 [598]

B

B

CLEAR LID

FRAME (REMOVABLE)

Ø.5 PADLOCK EYE [13]

FLANGE MOUNTING HOLES

15.000 [381.00]

4.000 [101.60]

3.500 [88.90]

18.250 [463.55]

14.250 [361.95]

LID REMOVED FOR CLARITY

2.000 [50.80]

MADE IN USA 20x16x8

15.9 [404]

19.0 [482]

21.1 [535]

A

A

17.7 [449]

9.4 [239]

23.2 [589]

23.250 [590.55] FLANGE MOUNTING HOLES

24.2 [614]

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

TOLERANCES:
.X = ± .2 [5.08]
.XX = ± .02 [.51]
.XXX = ± .005 [.13]

FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:
L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/11/2022	WDIBELLA

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