



**Enclosures Diamond Shield Series** 

# Fiberglass Enclosure 18 x 16 x 10 Inches Diamond Shield Series with Opaque Lift Off Cover





Catalog Number DS181610W

UPC

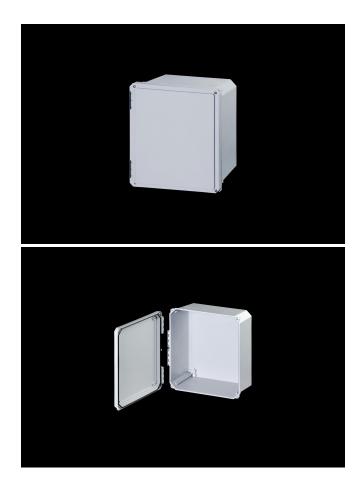
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#### **DESCRIPTION**

18H x 16W x 10D Inches Diamond Shield Series Fiberglass Enclosure with a "W" Opaque Cover (Lift-Off, 4 Cover Screws) is designed for high-end electronics, harsh corrosive environments and industrial applications both indoors and outdoors. The series offers an additional feature of panel mounting in the cover for use as an operator interface in industrial equipment control stations where required.

#### **APPLICATION**

- •Suited for high-end and harsh industrial applications
- Used indoors or outdoors
- •Innovative internal panel management capabilities
- •Used in highly corrosive areas
- Panel mounting in the cover for use as an Operator Interface Enclosures in industrial equipment control stations



## **FEATURES**





- •Opaque Cover
- Maximum visibility to raised panels and control boxes
- High temperature; flame retardant; non corrosive; environmental designs
- Results in an environmentally sealed; environmentally sound space
- High impact resistance
- Double insulated material no incidental electrical contact
- Solid construction in a lightweight design
- UV resistant
- Manufactured with SolarGuard®, Stahlin's proprietary formulation of non-halogenated fiberglass, offering superior resistance to outdoor exposure, chemicals and flames.
- Back Panels Available for all sizes

## **General Information**

Gray
Opaque
Wall Mount
Fiberglass
#10-32 x 3/8
16-20 in-lbs
304 SS
#10-32 x 1-1/4
20-24 in-lbs
304 SS
#10-32 x 7/16
22-25 in-lbs
45 in-lbs Max
Brass
Poured In Place (PIP) Polyurethane Seamless
USA





## **DIMENSIONS**

Height (in)	19.8
Width (in)	18.2
Depth (in)	10.3
Height (mm)	502.2
Width (mm)	461.0
Depth (mm)	262.6
Usable Depth (in)	9.6
Usable Depth (mm)	244.0

## **STANDARDS**

NEMA 10250; UL 50; UL 50e; UL508A	cULus Listed File #E64358
CSA Std. C22.2	cULus Listed File #E64358
Туре	1; 3; 3S; 4; 4X; 12; 13
IEC 60529; UL Listed #E362920	IP66
UL1741	UL Listed File #E333478
Temperature Range °F	-76°F to +274°F
Temperature Range °C	-60°C to +134°C
IEC 62262 Impact Rating Listed	IK10 per File #E362920
Flammability Rating	UL94-5VA
NFPA No. 101 Flame Spread	Class A(1)
Outdoor Exposure UL746c	(f1) Rated
CE	Certified