



**Enclosures Diamond Shield Series** 

ISO

# Fiberglass Enclosure 18 x 16 x 10 Inches Diamond Shield Series with Window and Hinged, 2 Lockable Link Latches Opaque Cover

CULUS LISTED



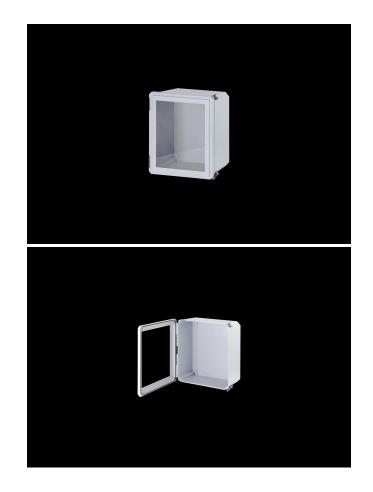
Catalog DSW181610HLL Number UPC 785928908712

#### DESCRIPTION

18H x 16W x 10D Inches Diamond Shield Series Fiberglass Enclosure with an "HLL" Flush Bonded Window Opaque Cover (Hinged, 2 Lockable Link Latches) 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**

### **Enclosures**

- Flush Bonded Window
- 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
- $\bullet \mathsf{UV} \text{ resistant}$
- 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



### **Enclosures**

### **General Information**

-		
	Color	Gray
	Cover Type	Window
	Mounting Type	Wall Mount
	Material	Fiberglass
	Back Panel Screw Size	#10-32 x 3/8
	Back Panel Recommended Torque	16-20 in-lbs
	Back Panel Screw Material	304 SS
	Cover Screw Size	#10-32 x 1-1/4
	Cover Screw Recommended Torque	20-24 in-lbs
	Cover Screw Material	304 SS
	Mounting Foot Screw Size	#10-32 x 7/16
	Mounting Foot Screw Recommended Torque	22-25 in-lbs
	Installation Mounting Torque	45 in-lbs Max
	Metal Inserts	Brass
	Hinge Material	304 SS
	Latch Material	304 SS
	Gasket Material	Poured In Place (PIP) Polyurethane Seamless
	Country of Origin	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)	9.5
Usable Depth (mm)	240.8



## **Enclosures**

### **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
Window Temperature Range °F	-26°F to +170°F
Window Temperature Range °C	-32°C to +76°C
Flammability Rating	UL94-5VA
NFPA No. 101 Flame Spread	Class A(1)
Outdoor Exposure UL746c	(f1) Rated
CE	Certified