

Enclosures **Diamond Shield Series**

## **Fiberglass Enclosure 10 x 8 x 6 Inches Diamond Shield Series with Window and Hinged, 2 Lockable Link Latches Opaque Cover**



**Catalog  
Number**

**DSW100806HLL**

**UPC**

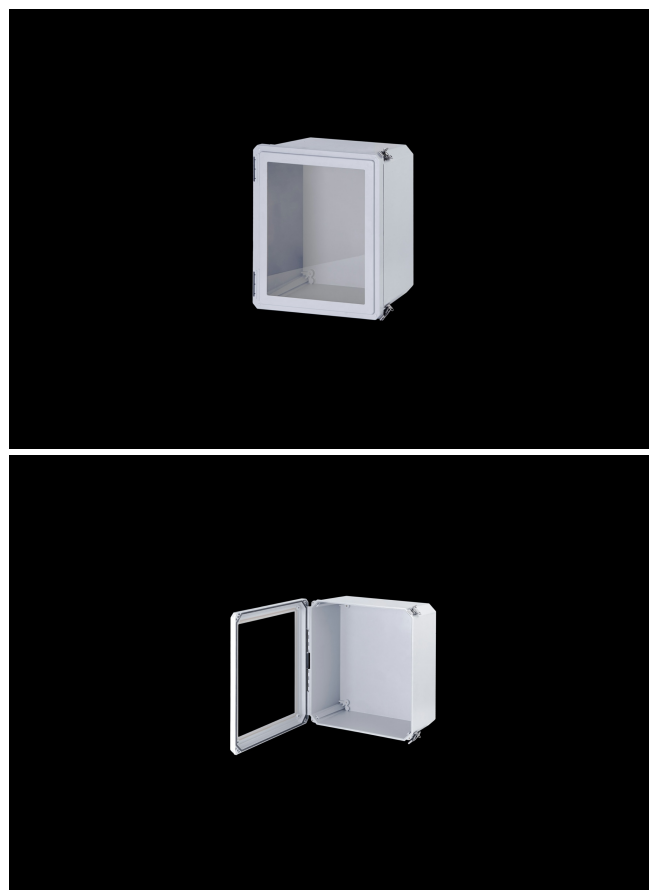
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### **DESCRIPTION**

10H x 8W x 6D 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

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- 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
- 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

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| 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)<br>Polyurethane Seamless |
| Country of Origin                      | USA                                            |

## DIMENSIONS

|                   |       |
|-------------------|-------|
| Height (in)       | 11.4  |
| Width (in)        | 9.8   |
| Depth (in)        | 6.3   |
| Height (mm)       | 290.1 |
| Width (mm)        | 248.9 |
| Depth (mm)        | 160.3 |
| Usable Depth (in) | 5.5   |
| Usable Depth (mm) | 139.2 |

## STANDARDS

NEMA 10250; UL 50; UL 50e; cULus Listed File  
UL508A #E64358

CSA Std. C22.2 cULus Listed File  
#E64358

Type 1; 3; 3S; 4; 4X; 12; 13

IEC 60529; UL Listed IP66  
#E362920

UL1741 UL Listed File #E333478

Temperature Range °F -76°F to +274°F

Temperature Range °C -60°C to +134°C

Window Temperature Range -26°F to +170°F  
°F

Window Temperature Range -32°C to +76°C  
°C

Flammability Rating UL94-5VA

NFPA No. 101 Flame Spread Class A(1)

Outdoor Exposure UL746c (f1) Rated

CE Certified