

Enclosures **PolyStar Series**

Polycarbonate Enclosure 16 x 14 x 8 Inches, Black, with Hinged Clear Cover and Stainless Steel Latches



**Catalog
Number**

BK-PC1614CCSS

UPC

785928585630

DESCRIPTION

16H x 14W x 8D Inches PolyStar Polycarbonate Enclosure, Black, with a Clear Cover Configuration with Stainless Steel Latches (Hinged, Latched, Padlockable) are designed for outdoor and indoor applications. They carry an "F1" Rating per UL 746C, passing all tests for UV exposure and water immersion. PolyStar enclosures are self-extinguishing, non-halogenated and non-flame propagating.



APPLICATION

- Extremely tough and durable, PolyStar Black enclosures are used in both outdoor and indoor applications. They provide superior environmental protection for customer equipment. They are ideal for promotion of OEM products, and either blend in with their surroundings or command visual attention in applications where improved aesthetics is desired and includes requirements for black enclosures.
- Used to house electrical and electronic controls; instruments; and components
- Used in highly corrosive areas



- Provides protection against rain; sleet; snow; splashing water; hose-directed water; submersion; sun/UV and flame protection.

FEATURES

- Black Color provides excellent aesthetics and blends in to dark surroundings and equipment
- Latches and hinges do not penetrate enclosure
- Easy to remove lid
- High performance inserts
- integrated padlock hasp
- Flush-fit side mount swing panel and DIN rail system
- Molded in bosses
- Multi-directional mounting feet
- Single SKU with multiple cover attachment options

General Information

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|--|--|
| Color | Black |
| Cover Type | Clear |
| Mounting Type | Wall Mount |
| Material | Polycarbonate |
| Back Panel Screw Size | #10-32x3/8 |
| Back Panel Recommended Torque | 16-20 in-lbs |
| Back Panel Screw Material | Zinc Plated |
| Cover Screw Size | #10-32 x 5/8 |
| Cover Screw Recommended Torque | 20-24 in-lbs |
| Cover Screw Material | 304 SS |
| Mounting Foot Screw Size | 1/4-20 x 1/2 |
| Mounting Foot Screw Recommended Torque | 10-14 in-lbs |
| Installation Mounting Torque | 25-30 in-lbs Max |
| Metal Inserts | Brass |
| Hinge Material | Integral Polycarbonate |
| Latch Material | 316 SS |
| Gasket Material | Poured In Place (PIP) Polyurethane Seamless |
| Country of Origin | USA |

DIMENSIONS

| | |
|--------------------|-------|
| Height (in) | 16.0 |
| Width (in) | 14.0 |
| Depth (in) | 8.0 |
| Height (mm) | 406.4 |
| Width (mm) | 355.6 |
| Depth (mm) | 203.2 |
| Useable Depth (in) | 8.7 |
| Useable Depth (mm) | 220.0 |

STANDARDS

| | |
|-----------------------------------|----------------------------|
| NEMA 10250; UL 50; UL 50e; UL508A | cULus Listed File #E319779 |
| CSA Std. C22.2 | cULus Listed File #E319779 |
| Type | 1; 3R; 4; 4X; 6P; 12 |
| IEC 60529; UL Listed #E362920 | IP66, IP68 |
| Temperature Range °F | -40°F to +248°F |
| Temperature Range °C | -40°C to +120°C |
| Flammability Rating | UL94-5VA |
| Outdoor Exposure UL746c | (f1) Rated |
| CE | Certified |