



## Fiberglass Enclosures Overview Brochure

**COOPER** Crouse-Hinds





## Fiberglass Enclosures

Durable non-metallic enclosures designed to provide exceptional protection in the harshest environments

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## Cooper Crouse-Hinds® Non-Metallic Enclosures

**Setting the standard with safe, reliable electrical products, people, procedures and proficiencies. Delivering advantage you can use every day.**

For more than a century, companies have come to rely on Cooper Crouse-Hinds for value they can trust to grow their business. By integrating a comprehensive line of reliable electrical products with expert support, industry insights, and local availability, we enhance safety and productivity in the most demanding industrial and commercial environments worldwide. This philosophy is at the core of every product we develop and every solution we engineer.

### **Reliability you can count on for the most corrosive applications**

Partnering with Cooper Crouse-Hinds and our dedicated team of industry experts can help you succeed. Since 1897, we have led the development of safer, more reliable ways to power the most challenging harsh and hazardous areas. Cooper Crouse-Hinds has long been established as a leader in enclosures for Hazardous, Industrial and Commercial applications. Enclosures are engineered and manufactured to perform through the most corrosive conditions needed by OEMs, MRO, Waste Water Treatment Facilities and Chemical Plants. These exceptionally durable, corrosion resistant enclosures can withstand extreme abuse and exposure to chemicals, water, and extreme conditions.



#### **Enclosure knowledge and experience with:**

- Products that deliver superior performance
- Low maintenance choices, like durable non-metallic enclosures with features designed to provide optimum protection in the harshest environments
- Dedicated and expert sales support to help select products that perform reliably and cost effectively






#### **A commitment to safety and productivity**






Cooper Crouse-Hinds is helping more industrial facility owners, operators and engineers succeed each day – safely and cost effectively. It's part of our commitment to focus on industries where our experience, expertise and products can make the biggest impact.

#### **Fiberglass Enclosures are:**

- **Lighter and easier to handle**
- **Strong enough to hold up under extreme conditions**
- **Equal to stainless steel in corrosion and chemical resistance, and far better than carbon steel**
- **Non-conductive (an electrical insulator rather than electrical conductor)**
- **Easier to punch, drill or saw**
- **Less expensive to ship**

# Fiberglass Enclosures Quick Selector Guide

CATALOG SERIES	PRODUCT GROUP & SIZE	MATERIALS	NUMBER OF SIZES	ENVIRONMENTAL RATING
<b>SMALL LINE SERIES</b> 	<b>Small Enclosure</b> 3" x 3" to 17" x 3"	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Recessed captive stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	11	UL/cUL CSA Std C22.2 NEMA Types 1, 3R, 4X, 6P, 12
<b>PUSHBUTTON SERIES</b> 	<b>Small Enclosure</b> 6" x 3" to 13.5" x 11.5" <i>Inline and multi-hole configurations, 30mm and 22mm configurations offered</i>	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Recessed captive stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	21	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 6P, 12
<b>JUNCTION BOX SERIES</b> 	<b>Instrument Enclosure</b> 6" x 4" to 20" x 16"	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Recessed captive stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	76	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 6P, 12
<b>RAISED COVER SERIES</b> 	<b>Instrument Enclosure</b> 6" x 4" to 20" x 16"	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	33	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 6P, 12
<b>ADVANTAGE SERIES</b> 	<b>Instrument Enclosure</b> 6" x 6" to 20" x 16"	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	36	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 3S, 4X, 12, 13

CATALOG SERIES	PRODUCT GROUP & SIZE	MATERIALS	NUMBER OF SIZES	ENVIRONMENTAL RATING
<b>WALL MOUNT SERIES-3R AND 4X SERIES</b> 	<b>Wall Mount Enclosure</b> 16" x 10" to 48" x 36" <i>NEMA 3R or 4X</i>	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	28	UL/cUL CSA Std C22.2 (3R) NEMA Types 1, 3R (4X) NEMA Types 1, 3, 3R, 4X, 12
<b>WALL MOUNT SERIES-LARGE SERIES</b> 	<b>Wall Mount Enclosure/Free-standing Enclosure</b> 48" x 36" to 72" x 49" <i>Large &amp; Free-standing enclosures with double door options</i>	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	7	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 3R, 4X, 12
<b>DISCONNECT &amp; CIRCUIT BREAKER SERIES</b> 	<b>Wall Mount Enclosure</b> 16" x 10" to 36" x 30" <i>Industrial Control System applications</i>	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	6	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 3R, 4X, 12
<b>XTRA DEEP SERIES</b> 	<b>Instrument Enclosure</b> 6" x 4" to 20" x 16" <i>Extra Deep Cover</i>	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Recessed captive stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	11	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 12
<b>KRYDON® SERIES</b> 	<p>Cooper Crouse-Hinds has a full line of Krydon material enclosures. These solid, one-piece construction enclosures are made of a proprietary formulation of fiberglass reinforced polyester that has high impact strength, is fire retardant, heat resistant and withstands weathering.</p> <p>Krydon enclosures are:</p> <ul style="list-style-type: none"> <li>Strong and durable while providing longer service life for equipment</li> <li>Class I, Division 2 Groups B,C,D rating on many Krydon products</li> <li>Are available in an expansive range of product groups</li> <li>Are available in hundreds of sizes and options</li> </ul> <p>See Cooper Crouse-Hinds catalog for more information on Krydon material enclosures</p>			

**For more information:**

If further assistance is required, please contact an authorized Cooper Crouse-Hinds Distributor, Sales Office, or Customer Service Department.

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