The newest addition to the POLYLINE® Series of enclosures, 10" x 8" x 6", offers standard features such as multi-mounting capability with your choice of a mounting flange or adjustable mounting feet. A clear polycarbonate cover option allows viewing of critical electronic instrumentation, while providing protection in harsh environments.

Featuring metallic or nonmetallic latches, molded-in latch keepers and mounting bosses, and a tongue-and-groove seal joint between cover and base, POLYLINE is the premier solution in polycarbonate enclosures.

**APPLICATION**
- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, oil and water

**STANDARDS**
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 6P (screw cover only), 12 & 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 6P (screw cover only), 12 & 13
- Complies with
  - NEMA Types 1, 2, 3, 3R, 4, 4X, 6P (screw cover only), 12 & 13
  - IEC 60529 Type IP66
  - IEC 60529 Type IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters) [screw cover only]
  - RoHS directive

**CONSTRUCTION**
- Injection molded polycarbonate thermoplastic – opaque cover, enclosure base, nonmetal snap latches, feet & flanges
- Opaque cover, enclosure base, feet, and flanges – Light gray color (RAL 7035)
  - Flanged models are pre-assembled; if requested, foot mounting hardware supplied in a bag
- 316 stainless steel captive cover screws, metal snap latches and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

**ACCESSORIES**
- Back panel kits
  - Fixed back panel kit in white painted steel, P/N PL108
  - Fixed back panel kit in aluminum, P/N PLA108
  - Fixed back panel kit in PVC, P/N PLPV108
- Hinged front panel kits
  - Aluminum, P/N HFPP108
  - ULTRAPLUG® hole plug assemblies

**MODIFICATIONS**
- Custom holes and cutouts
- Custom Polycarbonate viewing windows
- Custom molded-in colors
Contact factory for additional modification options.

**CONTACT INFORMATION**
Allied Moulded Products Inc.
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Bryan, OH 43506 USA
Phone: 1-800-722-2679
Fax: 1-800-237-7269
Email: sales@alliedmoulded.com
www.alliedmoulded.com
New Polycarbonate Enclosure Options!
Base P/N AMP1086

**POLYLINE®**

<table>
<thead>
<tr>
<th>Base Part No.</th>
<th>Box Size</th>
<th>Usable Depth</th>
<th>Panel Boss Centers</th>
<th>Back Panel Size</th>
<th>Flange Mount Centers</th>
<th>Foot Mount Centers</th>
<th>Cover Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A B C F S Z</td>
<td>Ht. Wid. P/N</td>
<td>J I H L K M W U</td>
<td></td>
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<tr>
<td>AMP1086</td>
<td>9.90 8.12 5.94 6.06 8.25 6.25 8.75 6.88</td>
<td>PL108 PLA108</td>
<td>6.00 10.75 6.91 10.75 7.89 9.67 8.72 10.50</td>
<td>525mm 207mm 152mm 157mm 210mm 159mm 222mm 175mm 252mm 273mm 200mm 246mm 221mm 267mm</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

All dimensions are in inches unless otherwise noted.

*Nom. Wall Thickness: .14 (3.6mm)

Available Configuration Options for AMP1086

<table>
<thead>
<tr>
<th>Base Part Number</th>
<th>Cover Types</th>
<th>Cover Attachment Types</th>
<th>Mounting Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Number Model</td>
<td>Size</td>
<td>Opaque Cover</td>
<td>Clear Cover</td>
</tr>
<tr>
<td>AMP1086</td>
<td>10&quot;x8&quot;x6&quot;</td>
<td>(none)</td>
<td>CC</td>
</tr>
</tbody>
</table>

Example: Part number AMP1086CCFL is a base enclosure with a clear cover (-CC), a hinged snap latch (-L), and a flange mount (-F).