POLYLINE®

New 4"x4"x3" Enclosure Size Option!

Base P/N AMP443

The newest addition to the POLYLINE® Series of enclosures, 4" x 4" x 3", offers standard features such as multi-mounting capabilities with adjustable mounting feet, metallic or nonmetallic latches, Formed-In-Place (FIP) gasket, and a clear polycarbonate cover option for viewing critical electronic equipment.

POLYLINE enclosures are light weight, impact resistant, and provide superior protection in harsh environments and conditions. This along with a variety of features and benefits to fit your application, ensure 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
- Clear polycarbonate instrumentation cover used in applications where critical electronic equipment must be visible and protected from the elements

Construction

- Injection molded polycarbonate thermoplastic - opaque cover, enclosure base, nonmetal snap latches, and mounting feet
- Opaque cover, enclosure base, and feet - Light gray color (RAL 7035)
  Note: foot mounting hardware supplied in a bag
- 316 stainless steel captive cover screws, hinge pin, and snap latches with padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system in continuous channel
- 316 stainless steel self-threading foot mounting hardware
- #10-16 self-threading pan head screws for optional back panel mounting

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 and 13
  - IEC 60529 Type IP66, Type IP68 submersible up to 24 hrs at a depth of 6 feet
  - RoHS directive

Optional Accessories

Available accessories include back panel kits, ULTRAPLUG® hole plugs, & much more!

Custom Modifications

Custom holes and cutouts, along with polycarbonate viewing windows are available. Contact factory for additional modification options.
Available Configuration Options for AMP443

<table>
<thead>
<tr>
<th>Base Part Number</th>
<th>Cover Types</th>
<th>Cover Attachment Types</th>
<th>Mounting Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Number Model</td>
<td>Size</td>
<td>Opaque Cover</td>
<td>Clear Cover</td>
</tr>
<tr>
<td>AMP443</td>
<td>4&quot;x4&quot;x3&quot;</td>
<td>(none)</td>
<td>CC</td>
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<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>
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</thead>
<tbody>
<tr>
<td>AMP443</td>
<td>4.09</td>
<td>3.88</td>
<td>3.07</td>
<td>3.56</td>
<td>*</td>
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<td>177mm</td>
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<td>104mm</td>
<td>99mm</td>
<td>78mm</td>
<td>76mm</td>
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<td>90mm</td>
<td>177mm</td>
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<td>AMP1PB</td>
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<td>3.07</td>
<td>3.56</td>
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*Nom. Wall Thickness: .14 (4mm)

All dimensions are in inches unless otherwise noted.

Base part number listed only. To complete part number, refer to the “Available Configuration Options” chart above.

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP443)

*AMP1PB available with pre-cut pushbutton hole. Add suffix “22” for 22.5mm hole size (ex. AMP1PB22)

*Available back panels include Aluminum (PLA44), White Painted Carbon Steel (PL44), and PVC (PLPVC44)