Optimized design, extensive sizes, and fast lead times.
ECP Series Explosionproof Enclosures, the latest addition to our portfolio of electrical products for OEMs.
ECP Series
Explosionproof Enclosures

Featuring an optimized design and fast lead times for OEMs, ECP enclosures are available in 40 standard sizes with optional conduit and device drilling and tapping.

Certifications:

NEC, CEC and CSA:
• Class I, Division 1 & 2, Groups B, C, D
• Class II, Division 1 & 2, Groups E, F, G
• Class III
• UL Standard 1203
• cUL to CSA C22.2 No. 30, No. 25
• NEMA Type 3, 3R, 4, 7BCD, 9EFG
• Enclosure Type 4X (requires selecting 4X option)

IECEx:
• Ex db IIB+H2 Gb
• Ex tb III C Db IP66
• -20°C ≤ Ta ≤ +60°C
• IECEx ETL 13.0022U

ATEX:
• II 2 G D Ex db IIB+H2 Gb
• Ex tb IIIC Db IP66
• -20°C ≤ Ta ≤ +60°C
• ITS13ATEX17813U certified

Standard Materials:
• Body and cover - Copper free aluminum
• Gasket - Neoprene
• Cover bolts - Steel
• Hinges - Aluminum

Options (add to end of catalog number):
• ATEX - ATEX certified
• PLT† - Flat aluminum plate cover
• MP - Aluminum mounting plate installed
• S391 - NEMA 4X certification with stainless steel cover bolts and hinges
• S598* - Factory supplied hinges on left side
• S598B** - Factory supplied hinges on top side
• S598C** - Factory supplied hinges on right side
• S598D** - Factory supplied hinges on bottom side
• S752 - Epoxy powder coat finish on exterior only
• S753 - Epoxy powder coat finish on interior and exterior
• S756V - Breather and drain
• 4X - Type 4X certification, with stainless steel cover bolts, hinges, and external epoxy powder coat

† Available for sizes 12x12 and larger

* S598 option available for enclosure sizes 081006 thru 101406 only. Hinges are not available on enclosure sizes 040604 thru 080806, and aluminum hinges are standard on 121204 enclosures and larger.

** Only applicable for ECP sizes 081006 thru 243610

Cover Devices:
• Pilot Lights
• Push Buttons
• Selector Switches
• Circuit Breaker Handles
• PLT Cover Allows for Window

For selection and placement of cover devices, use our online configurator at www.crouse-hinds.com/configure. Or, contact our modified products team at SYR-ETO-RFO@eaton.com
ECP Features and Benefits

1. Standard Aluminum Hinge
   - Aluminum hinges standard on sizes 121204 and larger, and available on sizes 081006 through 101406 by adding S598.
   - Stainless cover bolts and hinges are available by adding S391.

2. Stroke-sanded Finish
   - Stroke-sanding creates smooth surface for installation of push button / pilot light operators.
   - Type 4X available - see options on previous page

3. Standard Internal Mounting Pads
   - Factory drilled and tapped, internal mounting pads enable the installer to add a mounting plate in the field.
   - Standard on all sizes.

4. Replaceable Mounting Feet
   - Bolt on (style D enclosures) and Tap-in (style C enclosures) mounting feet can be easily replaced in the field if damaged

5. Standard Neoprene Gasket
   - Comes standard in all sizes.
   - Provides NEMA 4 rating for enclosure.

Entries Up To 3” In Diameter
- Factory-machined, drilled and tapped entries up to 3” in diameter.
- UL / cUL certified for field addition of drilled and tapped entries on sides, top, bottom, or back of the enclosure.

Optional Aluminum Plate Cover
- Provides greater surface area for installation of push button / pilot light operators.
- Allows for installation of windows in plate cover.
- Strong, durable, non-porous material.
Enclosure Ordering Information and Dimensions

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Cover Style</th>
<th>Mounting</th>
<th>Inside Nominal Dimensions</th>
<th>Overall Dimensions</th>
<th>Weight (LB)</th>
<th>Mounting Plate**</th>
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<tbody>
<tr>
<td>ECP060806</td>
<td>D - Rounded</td>
<td>Bolt-on</td>
<td>04 06 04 4-5/8 8-1/2 10-15/32 6-1/8 11-1/8 3-1/16 5-1/2 3/4 24 31 39 64 32 13 65 11 56 12</td>
<td>159</td>
<td>85</td>
<td><strong>MP1218</strong></td>
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<td>ECP081204</td>
<td>D - Rounded</td>
<td>Bolt-on</td>
<td>08 12 08 4-5/8 8-1/2 10-15/32 6-1/8 11-1/8 3-1/16 5-1/2 3/4 24 31 39 64 32 13 65 11 56 12</td>
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<tr>
<td>ECP121808</td>
<td>C - Square</td>
<td>Tap-in</td>
<td>12 12 04 8-16/18 12-15/32 14-1/8 16-3/8 20-1/2 24 31 39 64 32 13 65 11 56 12</td>
<td>159</td>
<td>85</td>
<td><strong>MP1218</strong></td>
</tr>
<tr>
<td>ECP162410</td>
<td>C - Square</td>
<td>Tap-in</td>
<td>16 24 06 9-3/8 20-7/8 28-7/8 11-16/18 12</td>
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<td>ECP181206</td>
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<td>Tap-in</td>
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<td>C - Square</td>
<td>Tap-in</td>
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<td>159</td>
<td>85</td>
<td><strong>MP1218</strong></td>
</tr>
</tbody>
</table>

*Usable depth is reduced by 1/2" when adding a mounting plate.

** Mounting plates may be ordered separately using the catalog numbers in this table.

ECP Series Enclosures are furnished with or without drilled and tapped openings. Drilling and tapping of conduit openings and device openings in the cover and body are subject to the limitations of maximum size and number of openings as well as spacings. All machining must be done prior to installation.

3D Models Available!

3D models for ECP enclosures are now available online for direct integration into your design software.

course-hinds.com/cospec
For more information:
If further assistance is required, please contact an authorized Eaton Distributor, Sales Office, or Customer Service Department.

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