EIH Instrument Enclosures

Applications:
EIH instrument enclosures are used:
- To enclose instrumentation and control devices such as two-wire transmitters, flow measurement devices, temperature controls, level detectors, pressure switches, etc.
- As an outlet box for pulling and splicing conductors
- In hazardous, abusive and wet locations
- To provide access to conductors for maintenance and future system changes

Features:
- ¾" offset through feed hubs offer maximum interior space and greater working area
- 2" and 4" deep covers, solid or with glass lens
- Internal mounting pads for instrument mounting
- Internal ground screw for safe, continuous grounding
- Neoprene gasket provides a watertight seal for NEMA/EEMAC 4 and UL/CSA Type 4 applications
- Wrenching lugs permit easy cover removal and tightening
- Internal cover threads provide additional space inside body
- External boss is suitable for drilling and tapping an additional conduit entry

Certifications and Compliances:
- NEC/CEC:
  - Class I, Division 1 & 2, Groups B†, C, D
  - Class II, Division 1, Groups E, F, G
  - Class II, Division 2, Groups F, G
  - Class III
- NEMA/EEMAC: 3, 4, 4X, 7BCD, 9EFG
- UL Standard: 1203
- CSA Standard: C22.2 No. 30
- FM Classification No.: 3615
- ATEX Certificate KEMA 02 ATEX 2265U (requires ATEX suffix)
- IEC Standards EN:60079-0, EN:60079-1, EN:60529

Standard Materials:
- Body and cover – copper-free aluminum
- Glass lens – heat tempered glass
- Gasket – neoprene

Standard Finishes:
- Corro-free™ epoxy powder coat (gray)

Options:
- Cast mounting feet . . . . . . . . . . . . . . MF
- Natural finish - Consult Eaton’s Crouse-Hinds
- Additional drilled and tapped opening in external boss:
  - ¾" . . . . . . . . . . . . . . . . . . . . . . . . . . 1
  - ¾" . . . . . . . . . . . . . . . . . . . . . . . . . . 2
- With ATEX certification . . . . . . . . . . . . . ATEX

Dimensions
In Inches:

<table>
<thead>
<tr>
<th>Hub Size</th>
<th>Description</th>
<th>Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>¾&quot;</td>
<td>Body with 2&quot; standard cover</td>
<td>MF</td>
</tr>
<tr>
<td>¾&quot;</td>
<td>Body with 2&quot; glass lens cover</td>
<td></td>
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<tr>
<td>¾&quot;</td>
<td>Body with 4&quot; dome cover</td>
<td></td>
</tr>
<tr>
<td>¾&quot;</td>
<td>Body with 4&quot; glass lens dome cover</td>
<td></td>
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</tbody>
</table>

Ordering Information:

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIH20</td>
<td>5.00 4.25 – 4.54 2.60 1.94 – 3.62 – 3.34 5.25</td>
</tr>
<tr>
<td>EIH21</td>
<td>5.00 4.25 2.60 4.54 2.60 1.94 2.75 2.61 3.62 3.10 – 5.25</td>
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<tr>
<td>EIH22</td>
<td>5.00 4.25 – 6.54 4.60 1.94 – – 3.62 – 5.34 5.25</td>
</tr>
<tr>
<td>EIH23</td>
<td>5.00 4.25 2.60 6.54 4.60 1.94 4.68 2.61 3.62 5.03 – 5.25</td>
</tr>
</tbody>
</table>

† For Group B applications, seal within 1 1/2" of enclosure in accordance with Sections 501-5 of the National Electrical Code as well as any other applicable codes.
EIHT Instrument Enclosures

Applications:
EIHT instrument enclosures are used:
- To enclose instrumentation and control devices such as two-wire transmitters, flow measurement devices, temperature controls, level detectors, pressure switches, etc.
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- 2" and 4" deep covers, solid or with glass lens
- Internal mounting pads for instrument mounting
- Internal ground screw for safe, continuous grounding
- Neoprene gasket provides a watertight seal for NEMA/EEMAC 4 and UL/CSA Type 4 applications
- Wrenching lugs permit easy cover removal and tightening
- Internal cover threads provide additional space inside body
- External boss is suitable for drilling and tapping an additional conduit entry
- Two separate chambers for isolation of power supply and instrument
- ¾" hub on instrument side
- Third party certified for drilling enclosure wall between instrument and power side

Standard Materials:
- Body and cover – copper-free aluminum
- Glass lens – heat tempered glass
- Gasket – neoprene

Standard Finishes:
- Corro-free™ epoxy powder coat (gray)

Options:
- Additional drilled and tapped opening in external boss:
  - ¾".............................. 1
  - 3/4".............................. 2
- Natural finish........................ Consult Eaton’s Crouse-Hinds

Ordering Information:
Hub Size* Description Cat. #

| ¾" | 2" Blank Cover - Power Side | EIHT200 |
| ¾" | 2" Blank Cover - Instrument Side | EIHT210 |
| ¾" | 2" Blank Cover - Power Side | EIHT220 |
| ¾" | 2" Blank Cover - Instrument Side | EIHT230 |

Dimensions
In Inches:

Certifications and Compliances:
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*For ½" hub size, use RE21-SA.