125A IEC 309
Watertight pin & sleeve devices

**Product Description - International**
125A;  
2-pole, 3-wire grounding;  
3-pole, 4-wire grounding;  
4-pole, 5-wire grounding

**Pin & sleeve plugs features & benefits**
- Mechanical cord clamp with silicone rubber grommet seal and locking screw ensures a positive and watertight strain relief system
- Tri-combo cord grip screws for convenience
- Durable impact resistant thermoplastic body
- Color-coded front housing for easy and accurate identification of voltages
- Oversized grounding pin assures mating only with oversized female grounding sleeve; staggered contact to ensure ground makes first and breaks last
- Engineered thermoplastic material improves cold impact performance
- Spring-loaded self-closing cap with silicone rubber gasket protects contacts when not in use. Watertight cap meets IP67 and IP69K protection standards
- Rugged materials selected for use in wet locations; provides corrosion resistance
- Standard mounting footprints and blind holes provide interchangeability with major brands
- Nickel plated pins offer long life corrosion protection
- Pins fully shrouded for mechanical protection; lockout hole for plugs
- Threaded NPT cable entry provides efficient means of attaching flexible conduit or wire mesh grips
- Tapered wiring pockets to ease insertion of stranded wire; deep pockets with clear markings keep bare conductors isolated

Compliances, specifications and availability are subject to change without notice.
Table 2. 125A Pin & sleeve devices for receptacles, plugs, connectors & inlets

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<tr>
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<tbody>
<tr>
<td>125</td>
<td>2-P, 3-W</td>
<td>220-240V</td>
<td>AH3125R6W</td>
<td>AH3125P6W</td>
<td>AH3125C6W</td>
<td>AH3125B6W</td>
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<td>3-P, 4-W</td>
<td>380-415V</td>
<td>AH4125R6W</td>
<td>AH4125P6W</td>
<td>AH4125C6W</td>
<td>AH4125B6W</td>
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<tr>
<td></td>
<td>4-P, 5-W</td>
<td>220/280 240/415V</td>
<td>AH5125R6W</td>
<td>AH5125P6W</td>
<td>AH5125C6W</td>
<td>AH5125B6W</td>
</tr>
</tbody>
</table>

Table 3. Ordering matrix

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Pin & sleeve devices sample number: AH3125P6W

- # of wires
  - 3 = 3-wire
  - 4 = 4-wire
  - 5 = 5-wire

- Amperage
  - 16 = 16 amps
  - 32 = 32 amps
  - 63 = 63 amps
  - 125 = 125 amps

Pin & sleeve devices product type

- P = Plug
- C = Connector
- R = Receptacle
- B = Inlet

Clock position of female grounding contract

3 = 380V/AC, 50Hz - 440V/AC, 60Hz
4 = 125V/AC
5 = 277V/AC or 3Ø 600V/AC or 3Ø 347/600V/AC
6 = 250V/AC or 3Ø 415V/AC or 3Ø 250/415V/AC
7 = 480V/AC or 3Ø 480V/AC or 3Ø 277/480V/AC
8 = 380-415V/AC or 3Ø 250V/AC or 3Ø 120/208V/AC
11 = 440-460V/AC, 60Hz
12 = 125/250V/AC
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Applications

The industry’s first pin & sleeve devices that are designed to address high pressure, high temperature washdown applications. Arrow Hart’s pin and sleeve devices are unlike other brands - our devices are the industry’s first to offer IP69K rated protection. Each device has been carefully engineered to offer reliability, efficiency, and added safety protection in demanding wet locations, particularly where harsh washdowns are a must!

Table 1. Specifications

<table>
<thead>
<tr>
<th>Device type</th>
<th>125A pin &amp; sleeve receptacles</th>
<th>125A pin &amp; sleeve plugs</th>
<th>125A pin &amp; sleeve connectors</th>
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<tr>
<td>Environmental specifications</td>
<td>Flammability: Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers)</td>
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<td>Mechanical Specifications</td>
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**Product Dimensions**

**125A Connectors**

![Diagram of 125A Connectors, Side View](image)

**Certifications & Compliances**

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**KEY:**

- IEC

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