HWA20 SEALED ATO® FUSEHOLDER

Compact, sealed (IP67) unit with input and output connections electronically isolated. Enables the user to customize the circuitry. High-density of fuses, with total combined amperage up to 210A. Dovetail slots on the sides of the box enable multiple units to be physically connected to each other, and to other Littelfuse fuseholders.

Features and Benefits

- Compact size. Fuseholder is perfect fit for accessory circuits, overflow circuits from main power distribution module, or as a main module on smaller vehicles.
- IP67 sealed units can be installed virtually anywhere on the vehicle, stand up to roadsplash and salt spray.
- Easy to connect. Wires plug into the back of the unit using industry-standard Tyco sealed power terminals.
- TPAs (terminal position assurance locks) give secondary locking protection of the wire leads, which aid in prevention of leads from being pulled out. TPAs snap onto the back of the unit after wires are installed, and do not interfere with the cable seals needed to ensure IP protection.
- Modular. Multiple units can be dovetailed together to expand circuit protection capacity. They can also be interlocked with Littelfuse PDMs and fuseholders such as FLC Power Distribution Module, HWB60, HWB18, MEGA-Flex and MIDI-Flex, for complete circuit protection.
- Versatile fusing capability. Littelfuse ATO blade fuses are readily available in a wide range of values from 1A to 40A.

Specifications Overview

- Max Fuse Rating: 40A per circuit
- Max Continuous Current: 210A
- Number of Cavities: 20
- Mounting Torque: 6-8 Nm (using M6 Bolt & Lock Washer)
- Operating Temp: -40°C – 85°C
- Ingress Protection: IP66/IP67
- Dimensions: 161 x 40 x 52mm (6.3 x 1.6 x 2.0”)
- Wire Sizes: 0.5-5.0mm²
- Weight: 0.30lb (0.14kg)
- Materials: Body + Cover: Black Thermoplastic
- Gasket: Silicone Rubber
- Mating Terminals & Seals: Tyco standard sealed power terminals. May be purchased through Tyco distributors.

Web Resources

Download technical resources at: littelfuse.com/HWA20

Ordering Information

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>PDM61001ZXMM</td>
<td>HWA20 fuseholder complete assembly with TPAs</td>
</tr>
</tbody>
</table>

HWA20 interlocks with HWB units, with FLEC Power Distribution Modules or bolt-down fuseholders

HWA20 interlocked with MEGA-Flex fuseholder (029B1028HXFC)
**HWA20 SEALED ATO® FUSEHOLDER**

**Female Terminal for ATO® Fuse**
Not provided by Littelfuse for reference only.

<table>
<thead>
<tr>
<th>Wire Size Range (mm²)</th>
<th>Insulation Diameter Range (mm)</th>
<th>Female Terminal*</th>
<th>Cable Seal</th>
<th>Blank Cable Seal</th>
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<tbody>
<tr>
<td>0.5 - 1.0</td>
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<td>927836</td>
<td>963243-1/963244-1</td>
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<td>1.0 - 2.5</td>
<td>2.2 - 3.0</td>
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<td>963244-1/963245-1</td>
<td>100132-1</td>
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<td>963245-1</td>
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<td>3.0 - 5.0</td>
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<td>1241962-1</td>
<td>967011-1</td>
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*TYCO Standard Power Timer

**Dimensions in millimeters**

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