PDM-AMI sealed bolt-in fuse holder for multiple AMI fuses

Eaton now offers a heavy duty fuse panel called the PDM-AMI. The PDM-AMI is used for main branch primary fusing and accepts multiple (two, three, or four) industry standard AMI fuses. Using a common input bus bar, the PDM-AMI requires just one input connection to power all fuses. The PDM-AMI provides efficient power distribution suitable for many battery box and “under the hood” applications, including marine, construction, agriculture, heavy trucking, bus and specialty vehicle markets.

Rugged
Designed and manufactured to withstand waterproof to high pressure spray (IP66) and up to one meter of submersion (IP67), the PDM-AMI family offers robust features such as heavy duty housing, silicone gaskets, tin plated copper bus bars, M8 cable input/output studs and stainless steel compression limiters in the mounting feet.

Flexible
Eaton offers the PDM-AMI in three base versions; a two position, three position or four position for the sealed use of Eaton AMI fuses. Custom options are available for factory fuse population, cover laser etching and hardware.

High Power
Designed for high current power distribution, the PDM-AMI family supports AMI fuses up to 200A per channel and distributes 200A continuous for the two position, 225A for the three position and 425A for the four position - all rated at 135% overcurrent at 105°C.

Images
From top left to bottom right:
- PDM-AMI3
- PDM-AMI4
- PDM-AMI2
Specifications

Sizing
- 2, 3, and 4 positions available

Ratings
- Maximum combined current ratings at 135% overcurrent and 105°C
  - PDM-AMI2: 200A
  - PDM-AMI3: 225A
  - PDM-AMI4: 425A

Temperature
- -40°C (-40°F) to 105°C (185°F)

Termination
- Input: M8 stud and keps nut
- Fuse output: M8 stud and keps nut

Torques
- Mounting: 80 in-lbs (9.0 Nm)
- Fuse mounting: 40 in-lbs (4.5 Nm)
- Input: 75 in-lbs (8.5 Nm)

Material
- Housing and cover: UL 94 V0 glass reinforced PBT
- Bus bars: Tin plated copper
- Studs: Zinc plated steel, PEM

Part Numbering System

PDM - AMI X - XX(XX) - X

Number of Fuse Positions
2 = 2 positions
3 = 3 positions
4 = 4 positions

Fuse Population
Up to 4 digit sequence
Populated from Left to Right
A = No Fuse
B = 30A
C = 40A
D = 50A
E = 60A
F = 70A
G = 80A
H = 100A
J = 125A
K = 150A
M = 175A
N = 200A

Hardware Options
A = No Hardware
B = Hardware
C = Hardware

<table>
<thead>
<tr>
<th>Hardware Options</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>A</td>
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</tr>
<tr>
<td>B</td>
<td>Hardware Zinc Plated Bulk</td>
</tr>
<tr>
<td>C</td>
<td>Hardware Zinc Plated Installed</td>
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</tbody>
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PDM-AMI2-XXX Dimensions in Inches (mm)
PDM-AMI3-XXXX Dimensions in Inches (mm)

PDM-AMI4-XXXX Dimensions in Inches (mm)