

# LMI Bolt-in Fuse Holder for Single or Multiple AMI Fuses



## Power Distribution Module

Cooper Bussmann Transportation Products now offers a heavy duty fuse panel called the LMI "Little Block". The LMI is used for main branch primary fusing and accepts multiple (up to six) industry standard AMI fuses. Sold by component or assembled, the LMI uses a common input bus bar for assemblies of two or more fuses.

The LMI provides efficient power distribution suitable for many "under the hood" applications such as:

- **Marine**
- **Construction**
- **Agriculture**
- **Heavy Trucking**
- **Bus**
- **Specialty Vehicles**

### Specifications

**Sizing:** One Fuse Module per AMI fuse

One input module and bus bar required per LMI2 – LMI7 assembly  
Maximum of seven modules per assembly

**Ratings:** Maximum total combined rating is 400 amps continuous\*

**Temperature:** -40°C (-40°F) to 85°C (185°F)

**Termination:** Input Module: Stainless Steel M8 or  $\frac{5}{16}$ -18 stud and keps nut  
Fuse Module: Stainless Steel M5 or #10-24 studs and keps nuts

**Torques:** Mounting: 22 in-lbs (2.5 N•m)

Fuse Module: 39.8 in-lbs (4.5N•M)

Input Module: 75 in-lbs (8.5N•M)

**Material:** Housing: HTN black UL-rated 94V0 thermoplastic material

Cover: Red EPDM/Santoprene cover for protection from accidental shorts

Studs: Stainless Steel

\* Based on numerous variations possible between numbers of poles used, fuses selected, input wiring, and output wiring, all applications should be tested by installer to verify the product meets their requirements.

### Part Numbering System

LMI X -X -X -X(XXXXXX)

Up to 7 digit sequence representing each module in assembly, from left to right, with Busbar in the front/bottom, uses below code:

- 0 -- Fuse Module w/o Fuse (i.e. empty fuse module)
- 1 -- Input Module
- A -- Fuse Module w/30a AMI Fuse
- B -- Fuse Module w/40a AMI Fuse
- C -- Fuse Module w/50a AMI Fuse
- D -- Fuse Module w/60a AMI Fuse
- F -- Fuse Module w/70a AMI Fuse
- G -- Fuse Module w/80a AMI Fuse
- H -- Fuse Module w/100a AMI Fuse
- I -- Fuse Module w/125a AMI Fuse
- J -- Fuse Module w/150a AMI Fuse
- K -- Fuse Module w/175a AMI Fuse
- L -- Fuse Module w/200a AMI Fuse

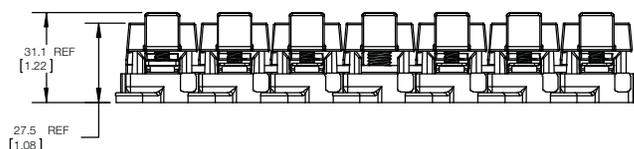
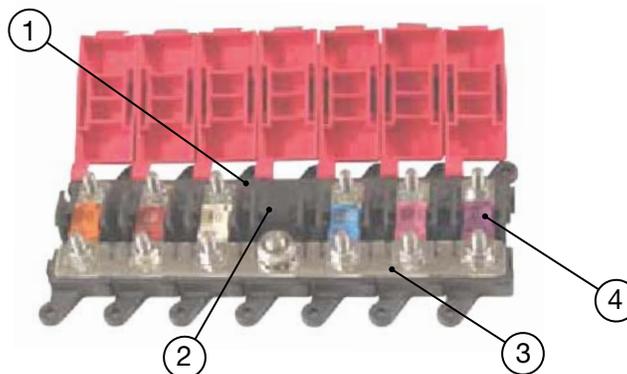
**HARDWARE OPTION:**

- 0 -- No Hardware (For individual components only)
- 1 -- SS Keps Nut In Bulk (For individual components only)
- 2 -- SS Keps Nut Installed (Only for assembled LMI2-LMI7)

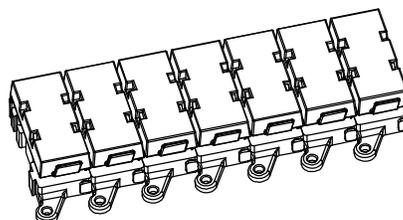
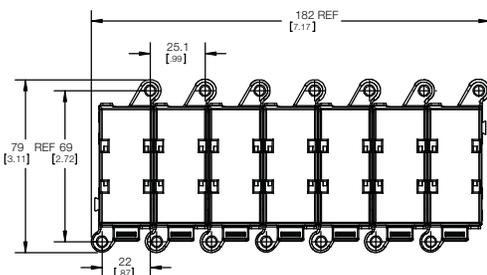
**Stud Option:**

- E -- English
- M -- Metric

1 -7 [Number of total modules (fuse modules and/or input modules); 7 Max]



LMI7



ITEM	DESCRIPTION
1	LMI FUSE MODULE
2	LMI INPUT MODULE
3	BUSBAR
4	AMI FUSE

### Notes

1. All modules (input or fuse holder) will match same units in a given assembly, either all metric or all English as specified.
2. "E" Represents "10-32" stud for fuse module and "5/16-18" for input module. "M" represents M5 stud for fuse module and M8x1.25 size for input module.
3. The largest an LMI should be is 7 modules total; 6 fuse modules and one input module. At most, 7 positions can be shown in suffix -X(XXXXXX).
4. Cooper Bussmann does not recommend more than 6 fuse modules being connected together (with one input module). The input module should be located in the center of the assembly.
5. Bus bars are included for all assemblies greater than or equal to an LMI2.
6. Based on numerous variations possible between numbers of poles used, fuses selected, input wiring, and output wiring, all applications should be tested by installer to verify the product meets their requirements.
7. All modules come with covers.
8. When ordering individual LMI modules for assembly by the customer, bus bars can be individually ordered using part # B109-7046-2/3/4/5/6/7, with the last digit representing the number of total modules that the bus bar will connect.
9. When ordering LMI1 with fuse and/or nuts, both fuse and nuts will ship in bulk.
10. To order assembled units, the minimum order quantity is 100 units.
11. Attach all wire cables with the ring terminals in direct contact with the fuse or bus bar.