

## Class J power distribution fuse blocks



# Save up to 50% panel space, while reducing installation time and costs



Innovative Bussmann series power distribution fuse block uses 50% less panel space and reduces installation time and labor by 33%.



### Product description:

Eaton's Bussmann® series Class J fuse block features power distribution capability.

This patented design simplifies your panel layout and uses up to 50% less panel space. Additionally, it lowers inventory costs while reducing installation time and labor by 33%.

Furthermore, this design uses fewer wire connections, reducing watts loss and overall operating temperature when compared with traditional fuse block/power distribution block solutions.

### Features and benefits:

- Combination power distribution and fuse block reduces wire connections and total panel components.
- A 200kA withstand rating helps achieve a higher equipment Short-Circuit Current Rating (SCCR) for compliance with NEC® sections 110.10, 409.110(4), 409.22, 440.4(B), 670.3(A)(4) and 670.5.
- Optional see-through covers enhance safety with IP20 finger-safe protection, lockout/tagout capability and optional open circuit indication.



Bussmann series power distribution fuse blocks are also available in preassembled 1-, 2- and 3-pole versions.

## Specifications

### Fuse class:

- Class J

### Ratings:

- Volts
  - 600V
- Amps
  - 70-400A
- Withstand
  - 200kA RMS Sym.

### Agency information:

- Blocks
  - UL® – Listed E14853 – IZLT
  - CSA® – Certified 47235 – 6225-01
  - RoHS compliant
- Covers
  - UL Listed UL E58836 – JDVS2
  - RoHS compliant

### Flammability ratings:

- Blocks
  - UL 94V0, self-extinguishing
- Covers
  - UL 94HB, self-extinguishing

### Materials:

- Base
  - Thermoplastic
- Terminals
  - Tin-plated aluminum

### Operating and storage temperature range:

- Blocks
  - 40°C to 120°C
- Covers
  - Non-indicating covers
    - 40°C to 120°C
  - Indicating covers
    - 20°C to 90°C

### Wire:

- 75°C Cu/Al

### Traditional solution



### Smaller footprint

Uses up to 50% less panel space.

### Less wire

Eliminates wire run from fuse block to power distribution block, reducing material costs.

### Reduces labor

33% less labor speeds installation and saves money.

### Lowers inventory costs

Reduces customer SKU count.

### Simplifies panel design

High withstand rating and fewer components makes high equipment SCCR easier to achieve.

### Enhanced safety

Optional IP20 finger-safe covers.

### Lower heat rise

Reduced watts loss results in a lower overall enclosure operating temperature.

### Power distribution fuse block solution



### Notes:

- Traditional solution and power distribution fuse block shown to scale.
- Power distribution fuse block shown with optional covers.
- Fuses sold separately.

Part number	Optional covers	Voltage (V)	Fuse range (A)	Poles	Lineside	Loadside
JM60100-1MW14	CVR-J-60100-M	600	70-100	1	(1) 1/0 - 14 AWG Cu/Al	(4) 4-14 AWG Cu, 4-8 AWG Al
JM60100-2MW14	CVRI-J-60100-M*			2		(8)** 10-14 AWG Cu
JM60100-3MW14				3		
JM60200-1MW16	CVR-J-60200-M	600	110-200	1	(1) 250MCM - 6 AWG Cu/Al	(6) 4 - 14 AWG Cu, 4-8 AWG Al
JM60200-2MW16	CVRI-J-60200-M*			2		(12)** 10-14 AWG Cu
JM60200-3MW16				3		
JM60400-1MW16		600	225-400		(1) 600MCM - 4 AWG Cu/Al	
JM60400-2MW16						
JM60400-3MW16	CVR-J-60400-M			1	(6) 2 - 14 AWG Cu, 2-8 AWG Al	
JM60400-1MW26†	CVRI-J-60400-M*			2	(12)** 8-14 AWG Cu, 8 AWG Al	
JM60400-2MW26†		3				
JM60400-3MW26†					(2) 350kcmil - 6 AWG Cu/Al	

\*With open fuse indication.

\*\*Dual wire rated lugs with same wire size.

†Lineside dual box lug.

See data sheet No. 10192 for more information.

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Printed in USA  
Publication No. 10183  
March 2016

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