

# Bussmann Power distribution fuse block



## Features and benefits:

- Combination power distribution block and fuse block reduces wire connections and total panel components, using 50% less panel space and reducing installation time and labor by 33%.
- A 200kA withstand rating helps achieve a higher assembly 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 cover enhances safety with IP20 finger-safe protection, lockout/tagout capability and open circuit indication.

## Product description:

New 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.

**Catalog symbol:**

· JM60\_\_-\_\_MW\_

**Fuse Class:**

· Class J

**Specifications:**

**Ratings:**

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

**Agency information:**

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

**Poles:**

- 1-, 2-, 3-pole

**Flammability ratings:**

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

**Operating and storage temperature range:**

- Blocks
  - 40°C to +120°C
- Covers
  - Non-indicating -40°C to +120°C

- Indicating -20°C to +90°C

**Materials:**

- Base
  - Thermoplastic
- Terminals
  - Tin-plated aluminum

**Wire:**

- 75°C Cu/Al\*
- \* Conductors with higher temperature rating may be used, but at their 75°C ampacity.

**Accessories:**

- Optional IP20 finger-safe covers in indicating and non-indicating versions. Order one for each pole.

**Recommended fuses (order separately):**

- Time-delay Class J Low-Peak™ (see data sheet No. 1007)
  - Indicating LPJ-\_(amp)SPI
  - Non-indicating LPJ-\_(amp)SP
- Fast-acting Class J Limitron™ (see data sheet No. 1027)
  - Non-indicating JKS-(amp)
- High Speed Class J DFJ drive fuses (see data sheet No. 1048)



Loadside view



Bussmann series power distribution fuse blocks are available preassembled into 1-, 2- and 3-pole versions. Individual blocks can be dovetailed together to achieve the desired number of poles. Use of covers requires ordering separately one cover for each pole.

Part Number	Optional Covers	Volts (V)	Fuse Range	Poles	Conductors	Lineside		Loadside			
						Torque AWG; N•m (Lb-In)	Conductors	Torque AWG; N•m (Lb-In)			
JM60100-1MW14	CVR-J-60100-M	600	70-100A	1	(1) 1/0-14 Cu/Al	1/0-1;	5.6 (50)	(4) 4-14 Cu, 4-8 Al	4-6;	4.0 (35)	
JM60100-2MW14				2		4-6;	5.0 (45)		8;	2.8 (25)	
JM60100-3MW14				3		8;	4.5 (40)		10-14;	2.3 (20) <sup>†</sup>	
						10-14;	4.0 (35)		(2) 10-14;	3.4 (30) <sup>†</sup>	
JM60200-1MW16	CVR-J-60200-M	600	110-200A	1	(1) 250kcmil-6 Cu/Al	250kcmil-1;	42 (375)	(6) 4-14 Cu, 4-8 Al	4-6;	4.0 (35)	
JM60200-2MW16				2		8;	31 (275)		8;	2.8 (25)	
JM60200-3MW16				3		10-14;	3.4 (30) <sup>†</sup>		(12)**10-14 Cu	10-14;	2.3 (20) <sup>†</sup>
						(2) 10-14;	3.4 (30) <sup>†</sup>		(2) 10-14;	3.4 (30) <sup>†</sup>	
JM60400-1MW16	CVR-J-60400-M	600	225-400A	1	(1) 600kcmil-4 Cu/Al	600kcmil-4;	57 (500)	(6) 2-14 Cu, 2-8 Al	2-3;	5.6 (50)	
JM60400-2MW16				2		500kcmil;	51 (450)		4-6;	5.0 (45)	
JM60400-3MW16				3		(2) 3/0-4;	57 (500) CU		8;	4.5 (40)	
							34 (300) AL		(12)**8-14 Cu, 8 Al	(2) 8;	4.5 (40) <sup>†††</sup>
										10-14;	4.0 (35) <sup>†</sup>
										(2) 10-14;	4.5 (40) <sup>†</sup>
JM60400-1MW26 <sup>††</sup>	CVRI-J-60400-M*	600	225-400A	1	(2) 350kcmil-6 Cu/Al	(2) 350kcmil-1;	42 (375)	(6) 2-14 Cu, 2-8 Al	2-3;	5.6 (50)	
JM60400-2MW26 <sup>††</sup>				2		(2) 2-6;	31 (275)		4-6;	5.0 (45)	
JM60400-3MW26 <sup>††</sup>				3					(12)**8-14 Cu, 8 Al	8;	4.5 (40)
						10-14;	4.0 (35) <sup>†</sup>		(2) 10-14;	4.5 (40) <sup>†</sup>	

\* With open fuse indication. 90V minimum and closed circuit required for illumination.

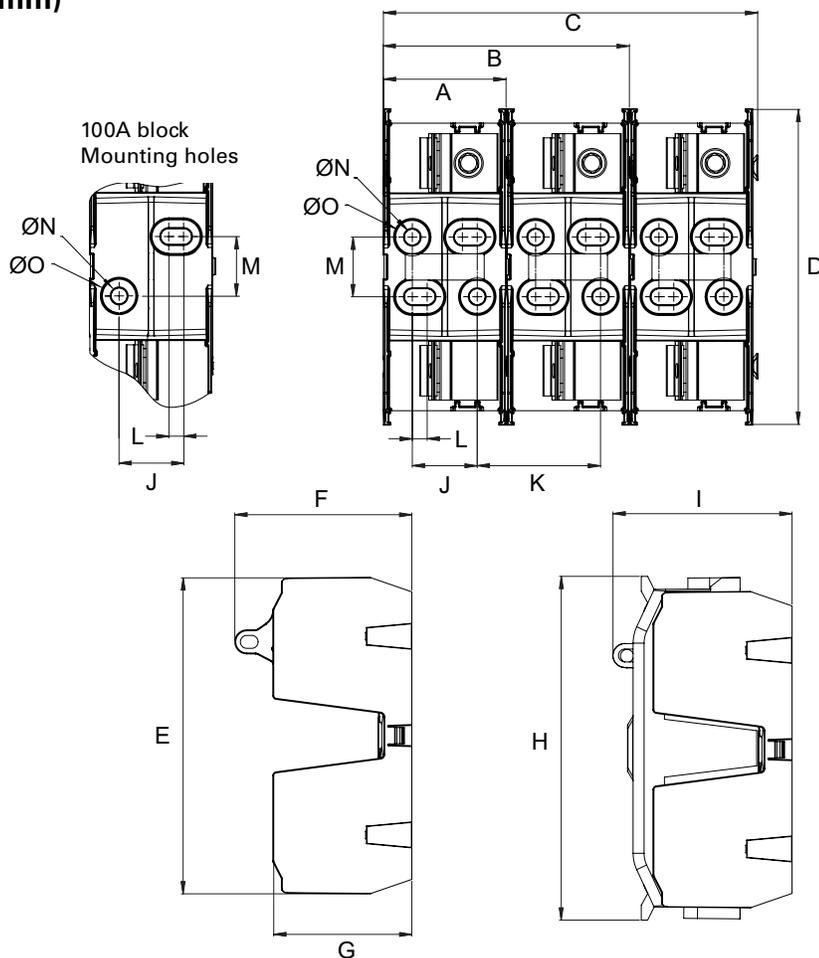
\*\* Dual wire rated lugs with same wire size.

† Copper conductor only.

†† Lineside dual box lug.

††† Dual wire not for CSA installations

Dimensions - in (mm)



Block Size		A	B	C	D	E	F	G	H	I	J	K	L	M	ØN	ØO
100A	in	2.0	4.0	6.0	5.5	5.5	2.8	2.2	6.0	2.8	0.9	2.0	0.4	1.1	0.4	0.5
	mm	51	102	153	139	139	72	55	152	72	22	51	10	29	9	13
200A	in	2.6	5.3	8.0	6.8	6.8	3.8	3.0	7.3	3.8	1.4	2.6	0.3	1.3	0.4	0.7
	mm	67	134	203	172	172	97	75	186	97	35	67	8	32	9	19
400A	in	3.5	7.0		8.0	8.0	4.8	4.1	8.7	4.8	2.0	3.5	0.3	1.6	0.4	0.7
	mm	88	177	268	202	202	121	105	220	121	50	88	8	41	9	19

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