Up to 60 A Class H(K) 250 V and 600 V ferrule power distribution fuse blocks

RoHS



250 volt 60 amp modular blocks.



600 volt 30 and 60 amp modular blocks.

Features and benefits:

- Combination power distribution block and fuse block reduces wire connections and total panel components, using up to 57 percent less panel space and reducing installation time and labor by an average of 33 percent when compared with traditional fuse block/power distribution block solutions.
- Optional see-through cover enhances safety with IP20 finger-safe protection, lockout/tagout capability and open circuit indication.
- Available in 1-, 2- and 3-pole configurations to meet stocking requirements.
- To reduce inventory, assembly time and labor, modular single-pole blocks snap-together for tool-less assembly of multiple poles at point of use.
- DIN-Rail and panel mount versatility allows one product to be used for multiple applications without incurring additional inventory cost.

Catalog symbols:

- HM25060-_MW_
- HM60030-_MW_
- HM60060-_MW_

Description:

Bussmann® series 250 V and 600 V Class H(K) fuse block features power distribution capability.

This patented design simplifies panel layouts and uses up to 57 percent less panel space. Additionally, it lowers inventory costs while reducing installation time and labor by an average of 33 percent.

Furthermore, this design uses fewer wire connections, reducing watts loss and overall operating temperature of the panel.

Specifications:

Fuse class

- Class H(K)

Ratings

- Volts:
  - 250 V
  - 600 V
- Amps: up to 60 A
- Withstand ratign (SCCR): 10 kA Sym RMS

Agency information

- Blocks:
  - UL® Listed E14853 – IZLT
  - CSA® Certified 47235 — 6225-01
- Covers: UL Listed UL E58836 – JDVS
- 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

Conductors

- 75°C Cu/Al (unless otherwise noted)

Accessories:

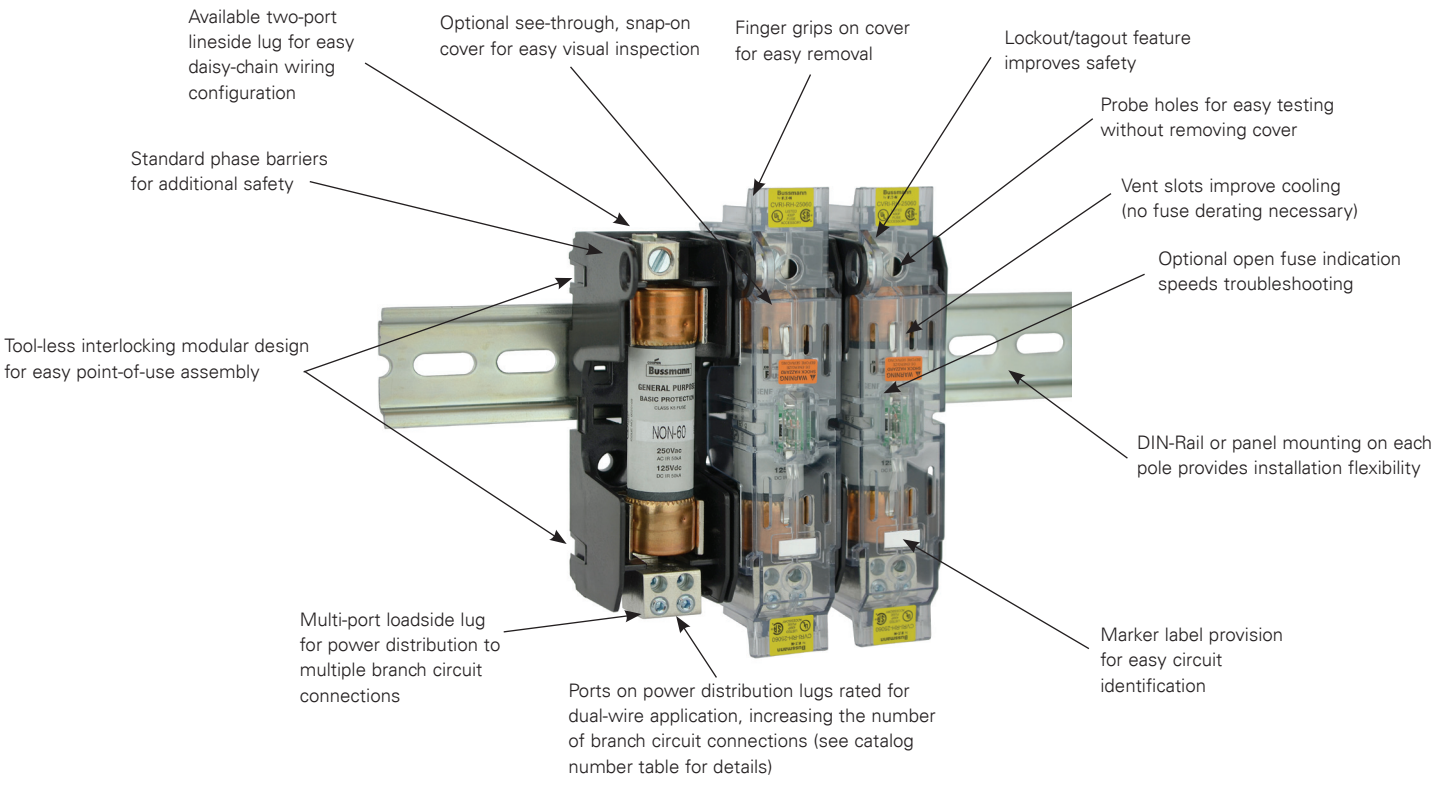
- Optional IP20 finger-safe covers in indicating and non-indicating versions. Order one for each pole.
- Universal marker labels, Bussmann series catalog number TM26CB.
- DIN-Rail end stops, Bussmann series catalog numbers BRKT-ND or BRKT-NDSCRW2.

Recommended fuses (order separately)

Description	Volts	Data sheet no.
Basic protection general purpose NON	250 V	1030
Basic protection general purpose NOS	600 V	1030

Recommended accessories for 30 and 60 amp blocks:

Description	Catalog no.
DIN-Rail end stops	BRKT-ND
	BRKT-NDSCREW2
Marker labels	TM26CB



Catalog numbers:

Catalog no.	Optional covers*	Fuse amp range	Poles	Lineside (conductors per port) Conductors	Ports/ pole	Torque AWG	N•m (lb-in)	Loadside (conductors per port) Conductors	Ports/ pole	Torque AWG	N•m (lb-in)
250 Volts											
HM25060-1MW12	N/A	35 - 60	1	Cu 2-14 Al 2-8	2	2-4	5.6 (50)	Cu 2-14 Al 2-8	1	2-3	5.6 (50)
HM25060-2MW12			2			6-10	4.5 (40)			4-6	5.1 (45)
HM25060-3MW12			3			12-14	1.7 (15)			8	4.5 (40)
										10-14	4.0 (35)
HM25060-1MW14	CVR-RH-25060 CVRI-RH-25060**		1	Cu 2-14 Al 2-8	1	2-3	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)
HM25060-2MW14			2			4-6	5.1 (45)			Cu (1) 10-14	2.8 (25)
HM25060-3MW14			3			8	4.5 (40)			Cu (2) 12-14	3.4 (30)
						10-14	4.0 (35)			Al (1) 8-10	3.4 (30)
HM25060-1MW24†	N/A		1	Cu 2-14 Al 2-8	2	2-4	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)
HM25060-2MW24†			2			6-10	4.5 (40)			Cu (1) 10-14	2.8 (25)
HM25060-3MW24†			3			12-14	1.7 (15)			Cu (2) 12-14	3.4 (30)
										Al (1) 8-10	3.4 (30)
600 Volts											
HM60030-1MW14†	N/A	up to 30	1	Cu 2-14 Al 2-8	1	2-3	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)
HM60030-2MW14†			2			4-6	5.1 (45)			Cu (1) 10-14	2.8 (25)
HM60030-3MW14†			3			8	4.5 (40)			Cu (2) 12-14	3.4 (30)
						10-14	4.0 (35)			Al (1) 8-10	3.4 (30)
HM60060-1MW12			1	Cu 2-14 Al 2-8	2	2-4	5.6 (50)	Cu 2-14 Al 2-8	1	2-3	5.6 (50)
HM60060-2MW12			2			6-10	4.5 (40)			4-6	5.1 (45)
HM60060-3MW12			3			12-14	1.7 (15)			8	4.5 (40)
										10-14	4.0 (35)
HM60060-1MW14	CVR-RH-60060 CVRI-RH-60060**	35-60	1	Cu 2-14 Al 2-8	1	2-3	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)
HM60060-2MW14			2			4-6	5.1 (45)			Cu (1) 10-14	2.8 (25)
HM60060-3MW14			3			8	4.5 (40)			Cu (2) 12-14	3.4 (30)
						10-14	4.0 (35)			Al (1) 8-10	3.4 (30)
HM60060-1MW24†			1	Cu 2-14 Al 2-8	2	2-4	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)
HM60060-2MW24†			2			6-10	4.5 (40)			Cu (1) 10-14	2.8 (25)
HM60060-3MW24†			3			12-14	1.7 (15)			Cu (2) 12-14	3.4 (30)
										Al (1) 8-10	3.4 (30)

* Order one cover per pole.
** With open fuse indication. 90 V minimum and closed circuit required for illumination.
*** Dual wire rated lugs with same wire size and stranding.
† Rated for use with 75°C/90°C Cu/Al conductors.



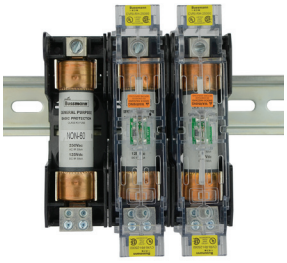
600 volt 60 amp modular blocks with single port lineside lugs and four port loadside lugs and optional finger-safe IP20 covers.



600 volt 60 amp modular blocks with dual port lineside lugs and four port loadside lugs.



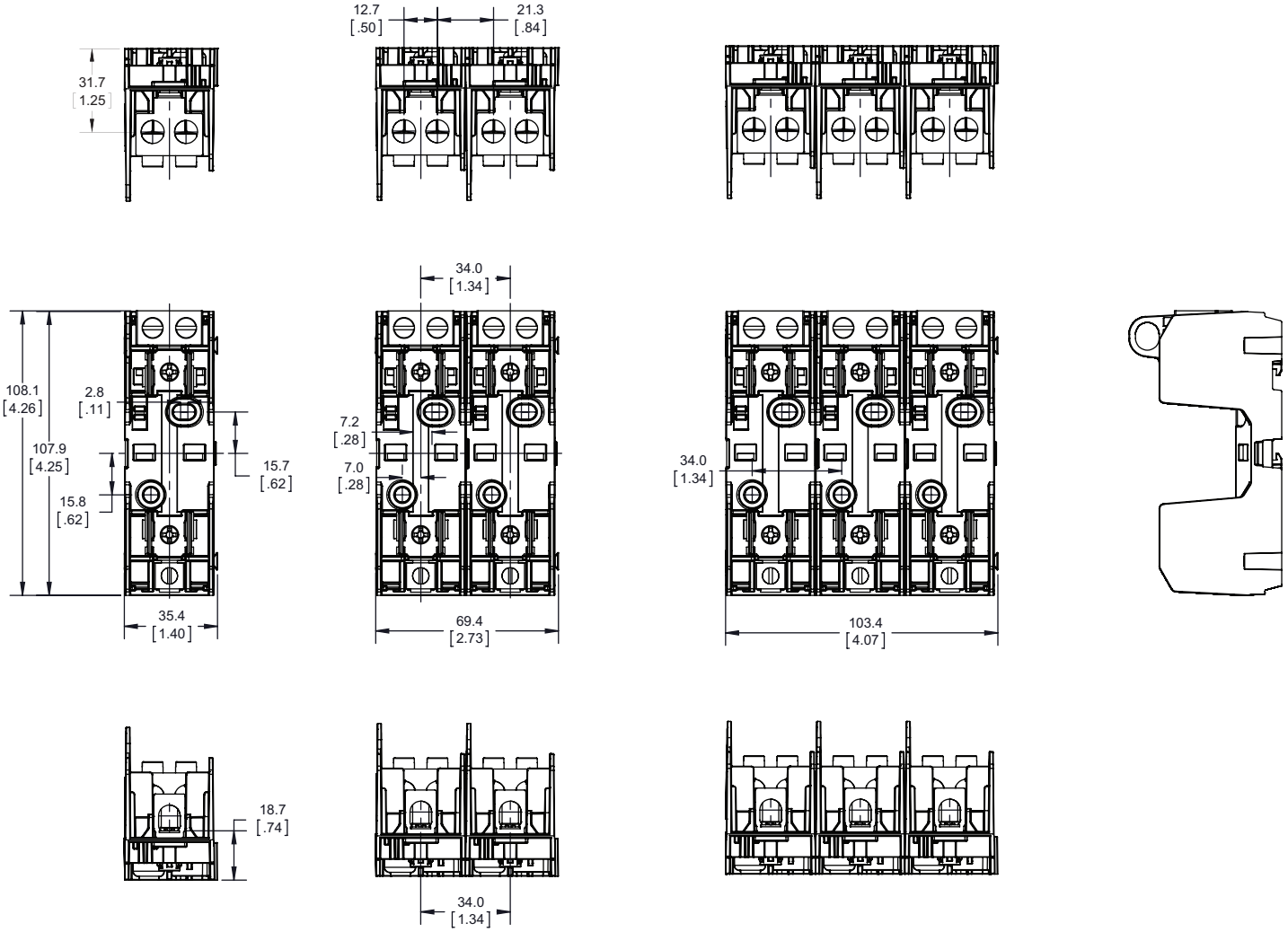
600 volt 30 amp modular blocks with single port lineside lugs and four port loadside lugs.



250 volt 60 amp modular blocks with single port lineside lugs and four port loadside lugs with optional finger-safe IP20 covers.

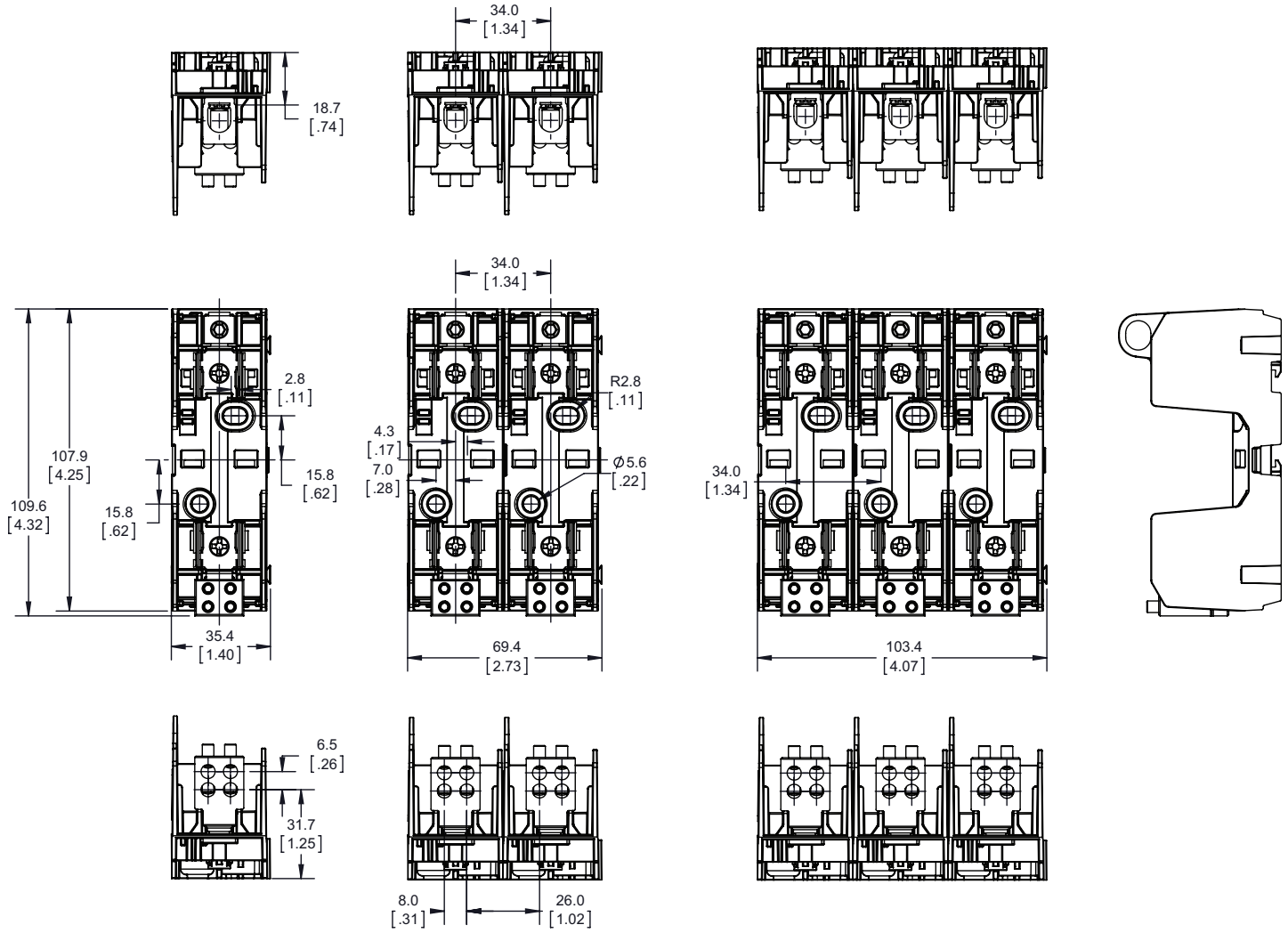
250 V, 60 A dimensions — mm (in)

Catalog nos. HM25060-(poles)MW12 — Two ports in, one port out (covers not available)

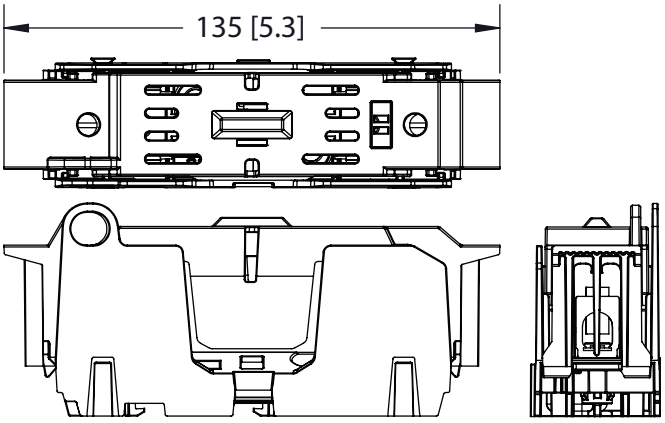


250 V, 60 A dimensions — mm (in)

Catalog nos. HM25060-(poles)MW14 — One port in, four ports out

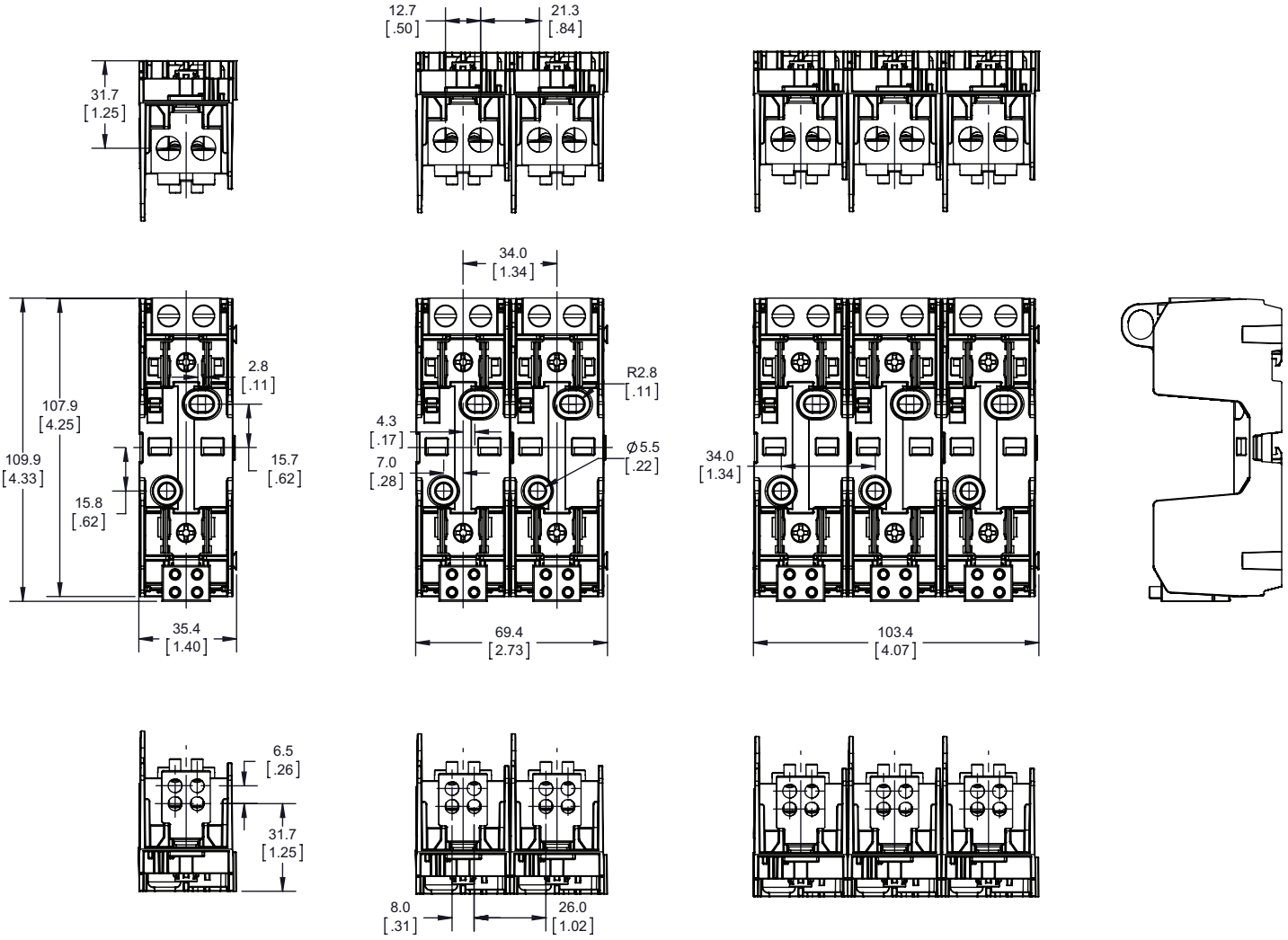


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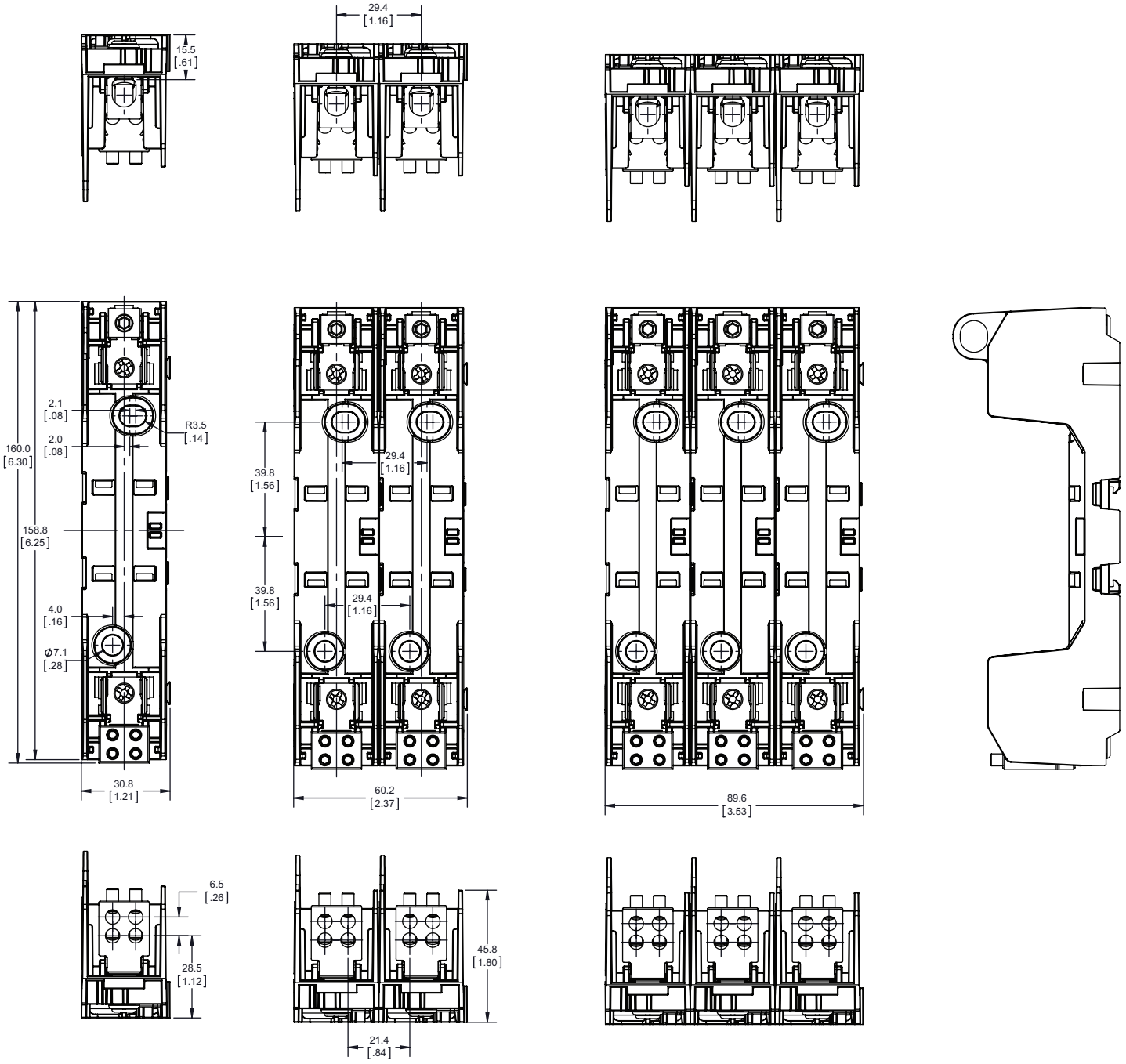
250 V, 60 A dimensions — mm (in)

Catalog nos. HM25060-(poles)MW24 — Two ports in, four ports out (covers not available)



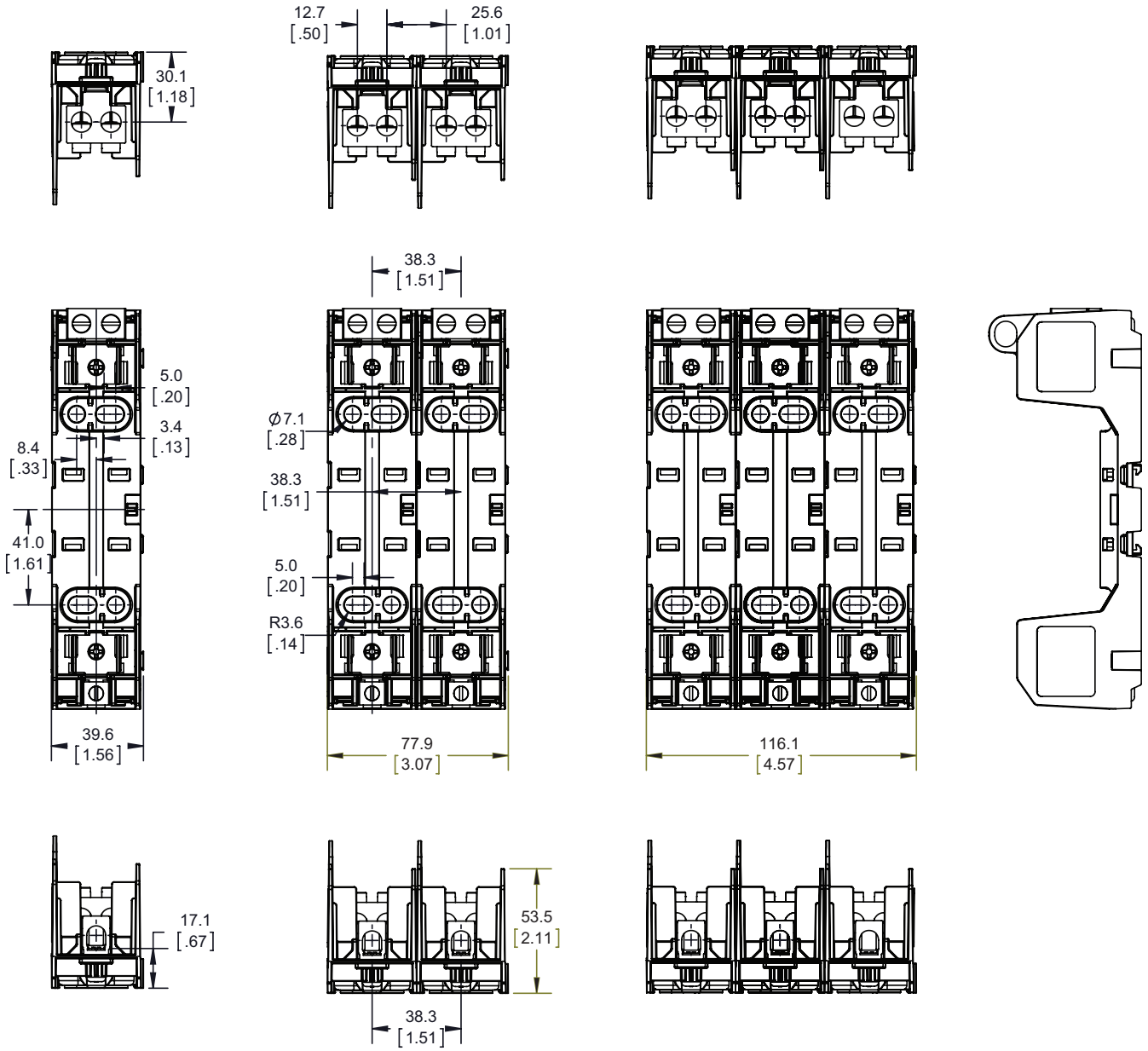
600 V, 30 A dimensions — mm (in)

Catalog nos. HM60030-(poles)MW14 — One port in, four ports out (covers not available)

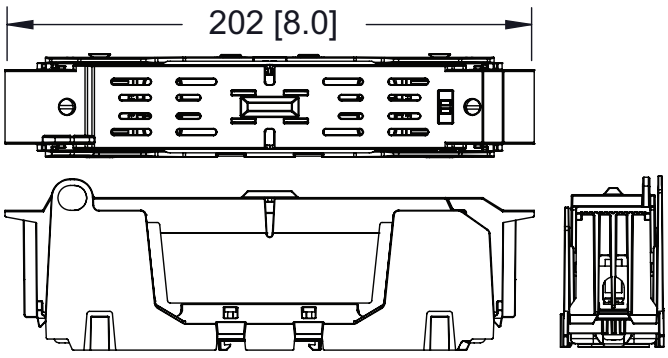


600 V, 60 A dimensions — mm (in)

Catalog nos. HM60060-(poles)MW12 — Two ports in, one port out

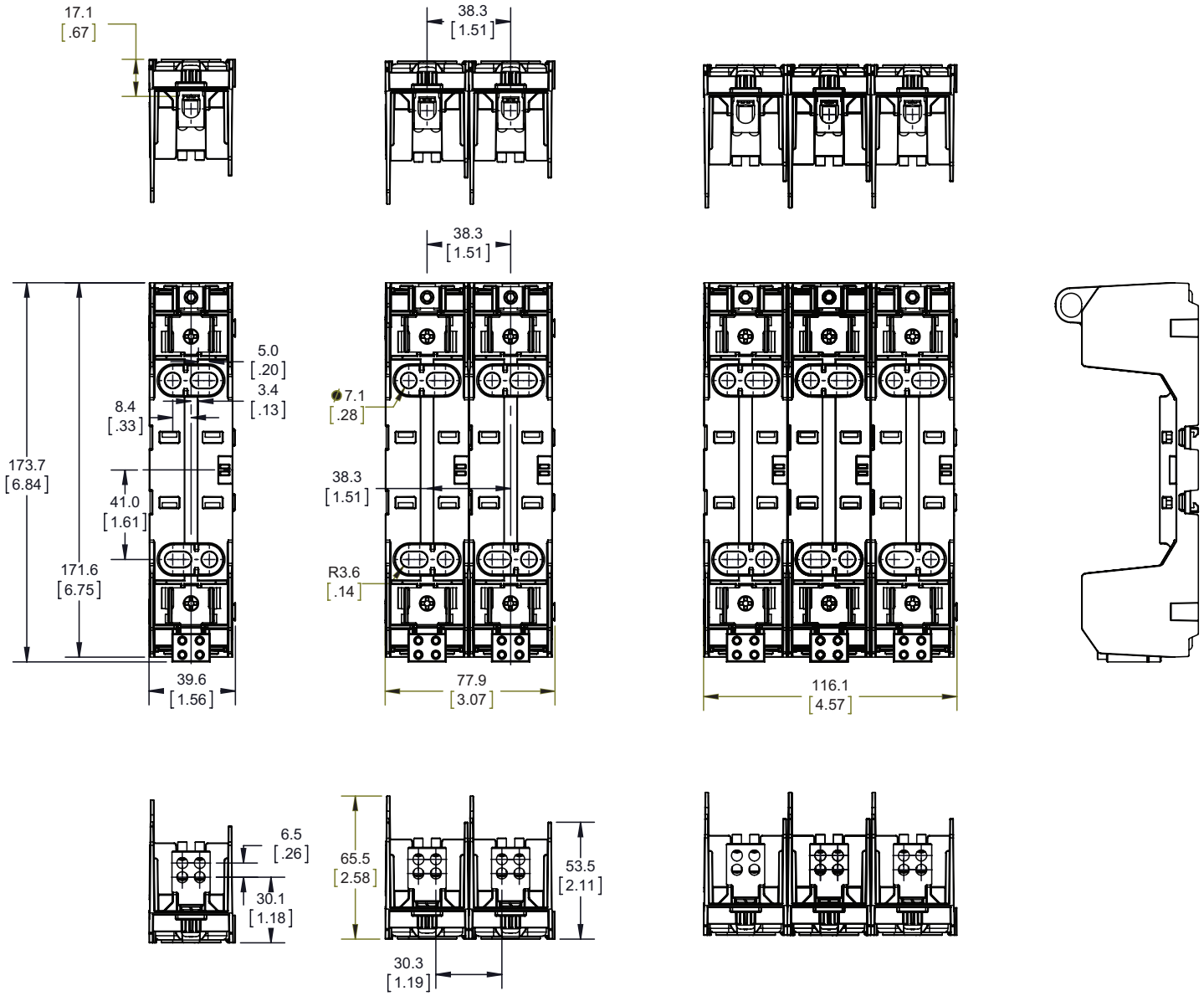


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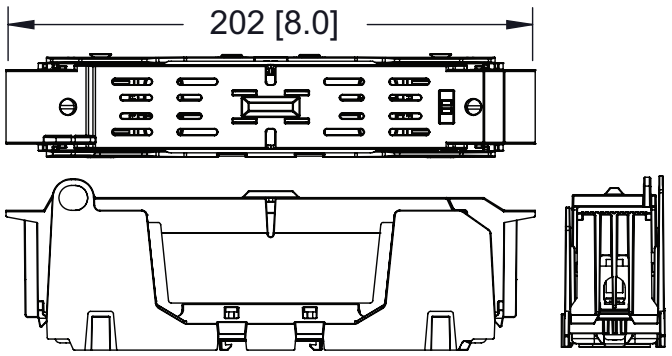


600 V, 60 A dimensions — mm (in)

Catalog nos. HM60060-(poles)MW14 — One port in, four ports out

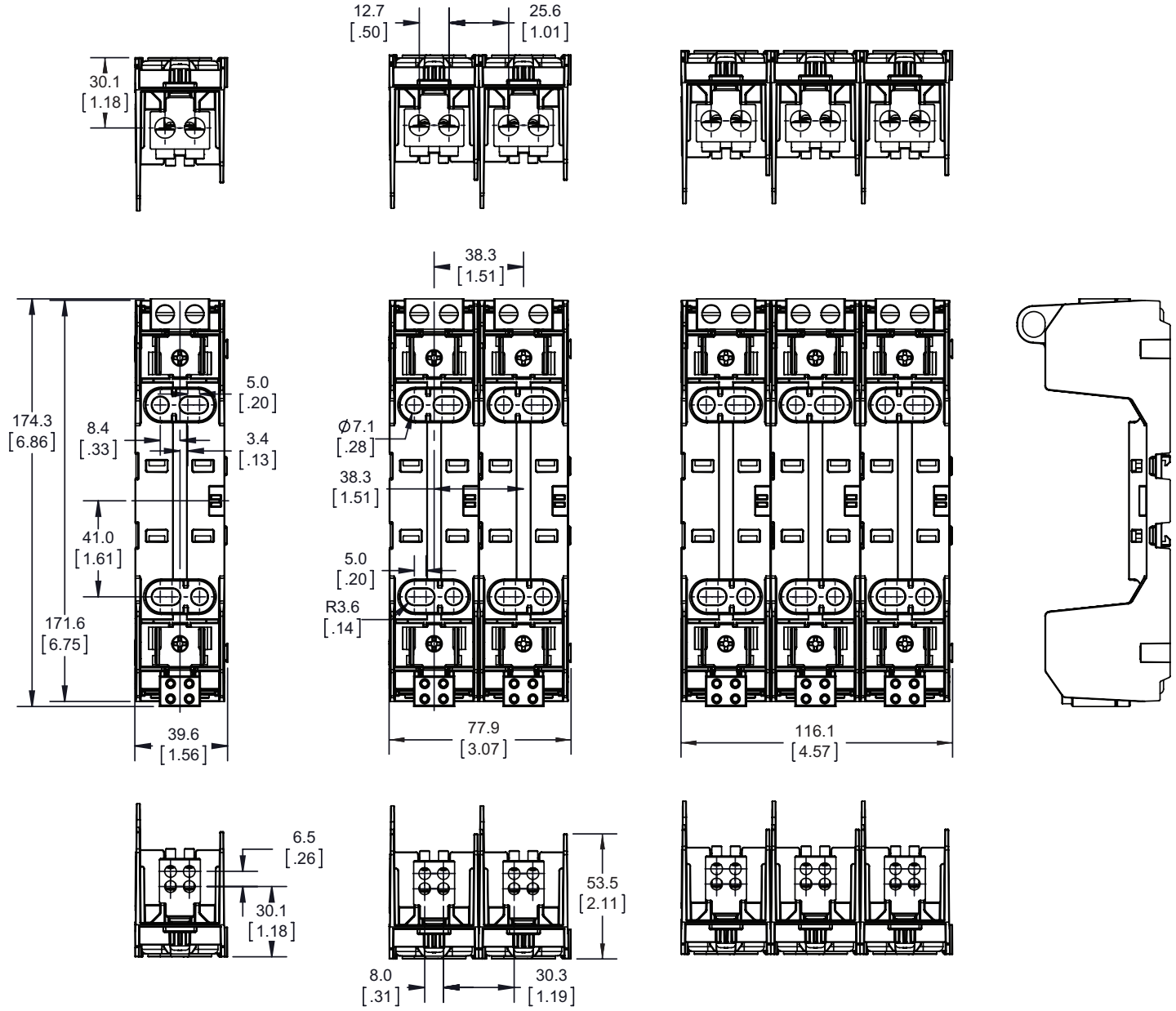


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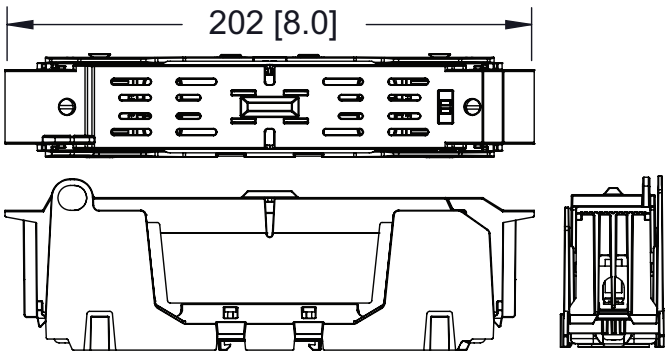


600 V, 60 A dimensions — mm (in)

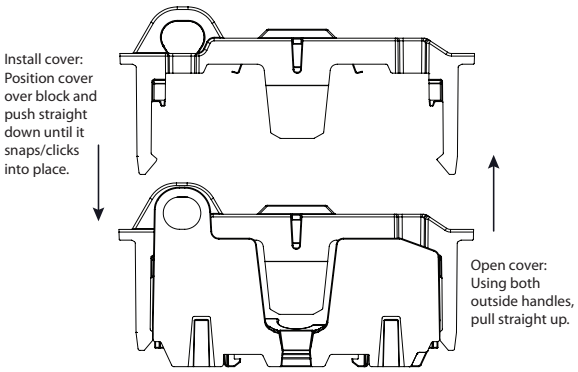
Catalog nos. HM60060-(poles)MW24 — Two ports in, four ports out



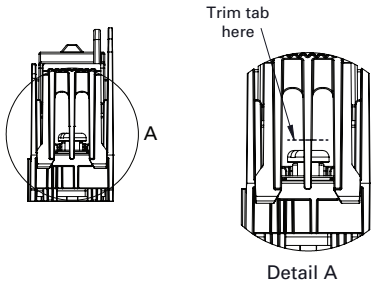
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Installing/removing covers on 30 and 60 amp blocks

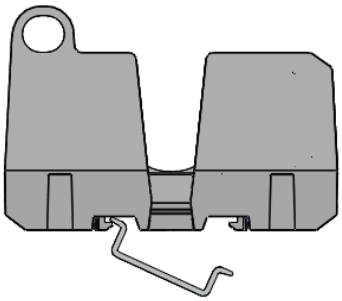


For larger conductors, trim center tab at notch as show in detail A.

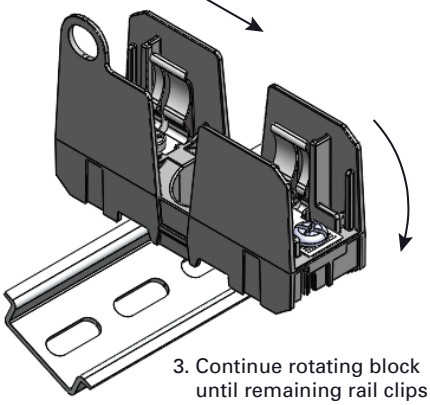


Installing 30 and 60 amp blocks on a 35mm DIN-Rail

1. Place one edge of DIN-Rail into rail clips on one side of the block.



2. Rotate and push block down to deflect rail clips.



3. Continue rotating block until remaining rail clips snap into place.

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