

Features and Benefits

- Integral dovetails allow assembly of multiple poles at point-of-use for greater application flexibility
- Factory assembled two- and three-pole configurations available
- Up to four mounting holes per pole increase installation flexibility
- Standard phase barriers between poles for additional safety
- Design meets UL creep and clearance requirements for Industrial Power Circuits (UL 508 and UL 845)
- 200 to 600A blocks meet the higher UL creep and clearance requirements for Power Distribution Standards (UL 98, UL 67, UL 489, UL 891 and UL 869A)
- Optional IP20 finger-safe covers available on entire knifeblade fuse block product line:
 - High-clarity see-through covers allow for inspecting wire terminations or thermography measurements without removing cover
 - Probe holes included for easy, safer testing and troubleshooting
 - Built-in lockout/tagout feature improves safety
- Standard fuse clip reinforcing springs enhance electrical contact



Specifications

Agency information:

Blocks - UL - Listed cULus E14853 - IZLT & IZLT7
 CSA - Certified 47235 - 6225-01
 Covers - UL - Listed UL E58836 - JDVS2

Ratings:

Volts - 250V, 600V
 Amps - 70-600A
 SCCR - 200kA (Class J & R)
 10kA (Class H & K)

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 covers -40°C to 120°C
 - Indicating covers -20°C to 90°C

Materials:

Base - Thermoplastic
 Box Lug Terminals - Tin-plated aluminum

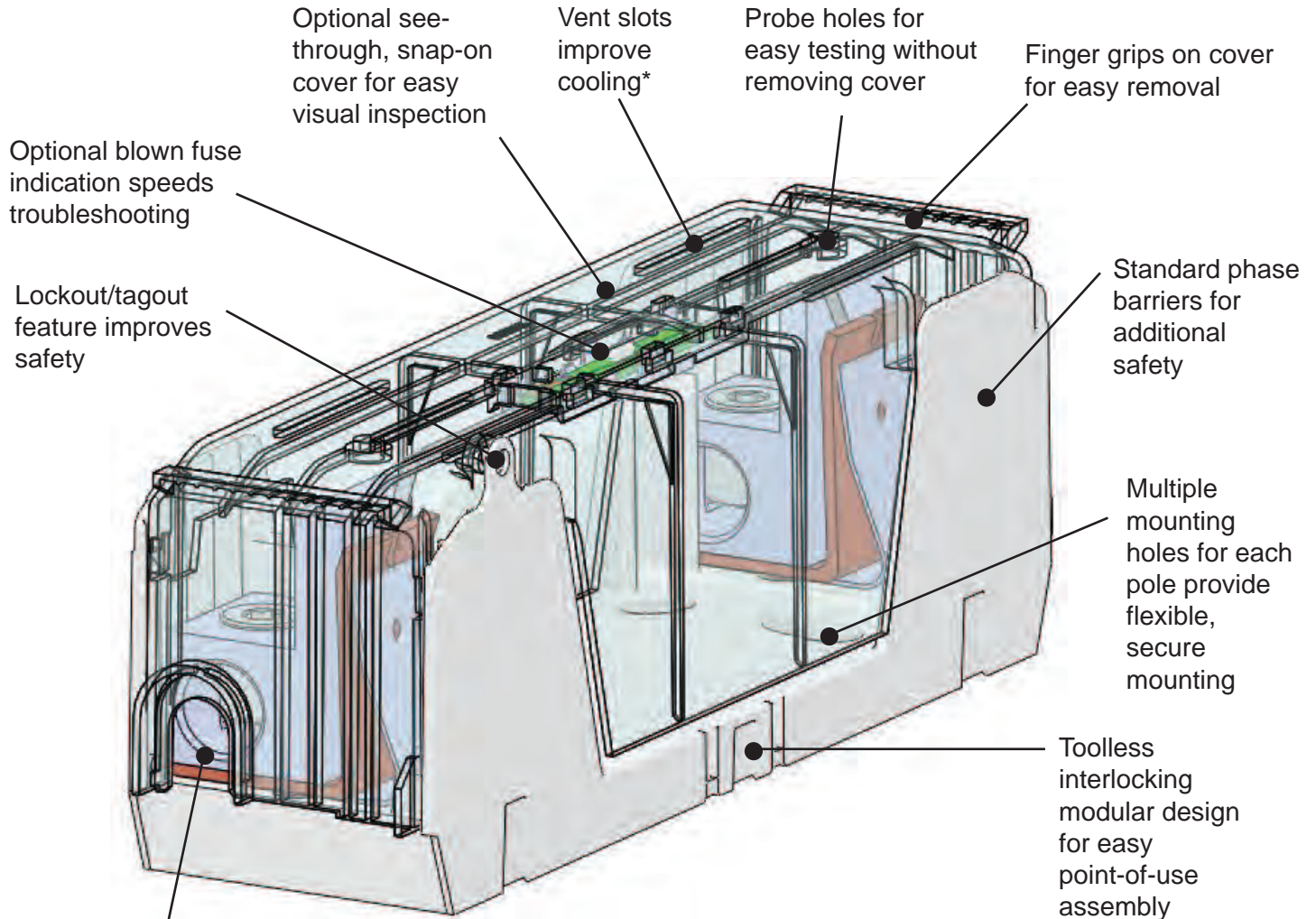
Wire:*

Cu/Al - 75°C/90°C (100 - 200A)
 Cu/Al - 75°C only (400 - 600A)**

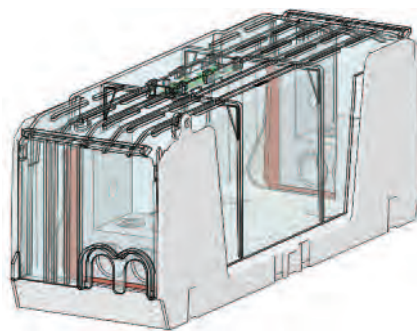
*Higher temperature rated wire can be used with appropriate derating.
 **400A Class J double box lug rated for 75°C/90°C Cu/Al.



Features

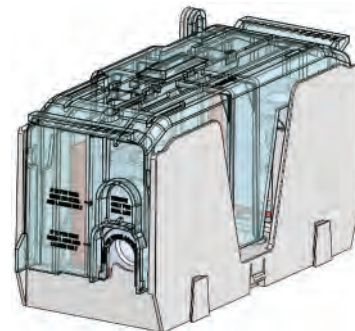


Finger-safe wire entry with cutout tabs for larger wires on all versions



600A Version

(double box lug standard for easier wiring with smaller, dual conductors)



400A Class J Version

(JM60400-_MW22 with double box lug for easier wiring with smaller, dual conductors)

*No fuse derating necessary.

Knifeblade Fuse Block Part Number Table - 250 and 600V Class H(K) & R

Bussmann
by **Eaton**



250V Class H(K) and R



600V Class H(K) and R

Catalog Number		Covers*		Volts	Fuse Range (amps)	Number of Poles	Wire Range (solid and stranded)***	Wire Range (fine stranded Cu)	Torque N•m (Lb-In)	Bussmann Fuses
Class H(K)	Class R	w/o Indication	w/ Indication							
HM25100-1CR	RM25100-1CR	CVR-RH-25100	CVRI-RH-25100	250	70-100	1	-	1-3 AWG	6.2 (55)	Class H(K): NON
HM25100-2CR	RM25100-2CR					2	1/0-3 AWG; (2) Cu 4-6 AWG	4-6 AWG	5.6 (50)	
HM25100-3CR	RM25100-3CR					3	4-6 AWG; (2) Cu 8 AWG	8 AWG	5.1 (45)	
HM25200-1CR	RM25200-1CR	CVR-RH-25200	CVRI-RH-25200		110-200	1	250 MCM-1 AWG	3/0-1 AWG	42 (375)	Class R: LPN-RK_SP LPN-RK_SPI**
HM25200-2CR	RM25200-2CR					2	8 AWG; (2) Cu 10-14 AWG	-	4.5 (40)	
HM25200-3CR	RM25200-3CR					3	Cu 10-14 AWG; Al 10-12 AWG	-	4.0 (35)	
HM25400-1CR	RM25400-1CR	CVR-RH-25400	CVRI-RH-25400		225-400	1	600kcmil	N/A	57 (500)	FRN-R KTN-R
HM25400-2CR	RM25400-2CR					2	500kcmil-4 AWG		51 (450)	
HM25400-3CR	RM25400-3CR					3	(2) Cu 3/0 - 4 AWG (2) Al 3/0 - 4 AWG		57 (500) 34 (300)	
HM25600-1CR	RM25600-1CR	CVR-RH-25600	CVRI-RH-25600	450-600	1	(2) 500kcmil-4 AWG	N/A	51 (450)		
HM25600-2CR	RM25600-2CR				2					
HM25600-3CR	RM25600-3CR				3					
HM60100-1CR	RM60100-1CR	CVR-RH-60100	CVRI-RH-60100	600	70-100	1	-	1-3 AWG	6.2 (55)	Class H(K): NOS
HM60100-2CR	RM60100-2CR					2	1/0-3 AWG; (2) Cu 4-6 AWG	4-6 AWG	5.6 (50)	
HM60100-3CR	RM60100-3CR					3	4-6 AWG; (2) Cu 8 AWG	8 AWG	5.1 (45)	
HM60200-1CR	RM60200-1CR	CVR-RH-60200	CVRI-RH-60200		110-200	1	250 MCM-1 AWG	3/0-1 AWG	42 (375)	Class R: LPS-RK_SP LPS-RK_SPI**
HM60200-2CR	RM60200-2CR					2	8 AWG; (2) Cu 10-14 AWG	-	4.5 (40)	
HM60200-3CR	RM60200-3CR					3	Cu 10-14 AWG; Al 10-12 AWG	-	4.0 (35)	
HM60400-1CR	RM60400-1CR	CVR-RH-60400	CVRI-RH-60400		225-400	1	600kcmil	N/A	57 (500)	FRS-R KTS-R KWS-R PVS-R
HM60400-2CR	RM60400-2CR					2	500kcmil-4 AWG		51 (450)	
HM60400-3CR	RM60400-3CR					3	(2) Cu 3/0 - 4 AWG (2) Al 3/0 - 4 AWG		57 (500) 34 (300)	
HM60600-1CR	RM60600-1CR	CVR-RH-60600	CVRI-RH-60600	450-600	1	(2) 500kcmil-4 AWG	N/A	51 (450)		
HM60600-2CR	RM60600-2CR				2					
HM60600-3CR	RM60600-3CR				3					

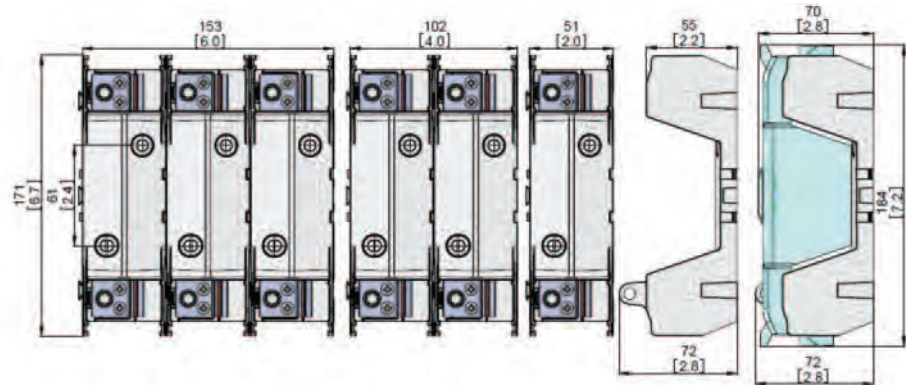
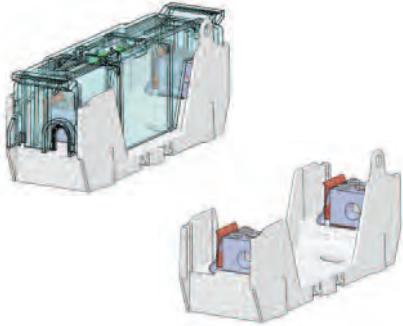
*Covers sold separately. Blown fuse indication requires 90 volts minimum and closed circuit to operate.

**With *easyID*™ blown fuse indication.

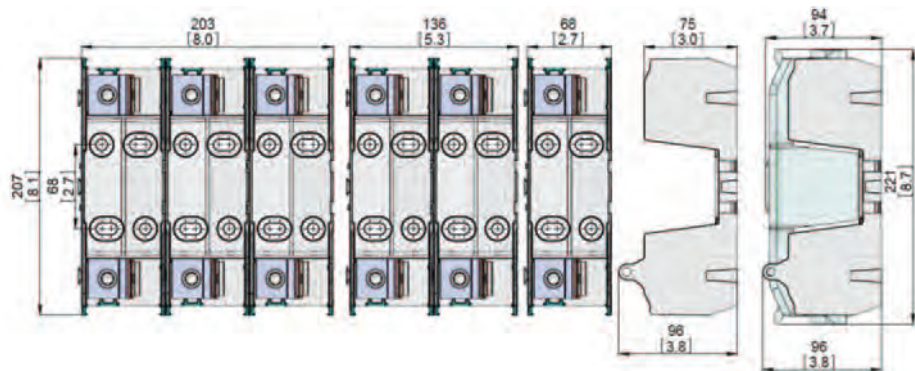
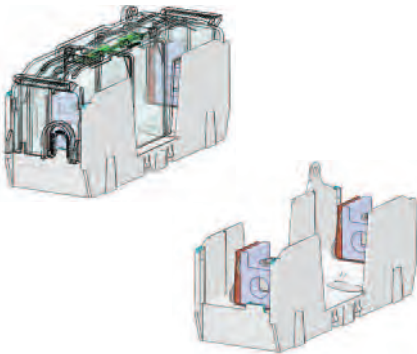
***Ratings for copper and aluminum wire except where otherwise noted.

Dimensions - mm (in)

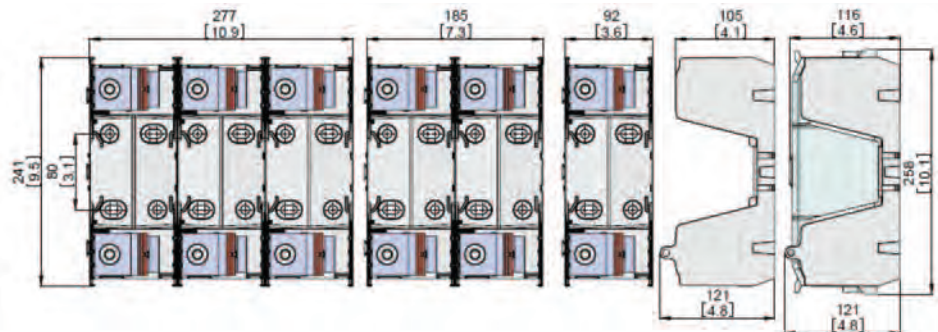
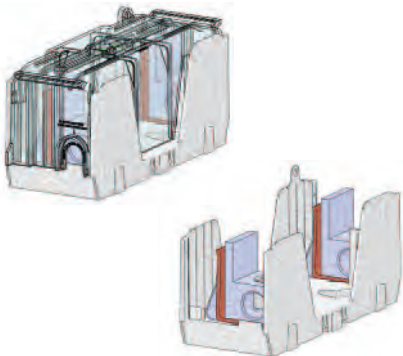
70-100A



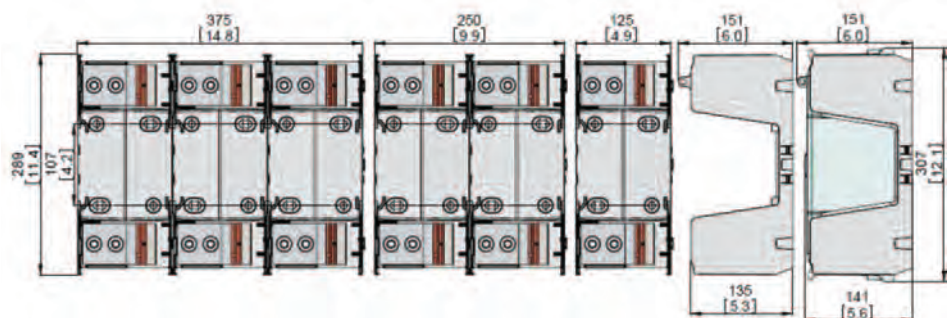
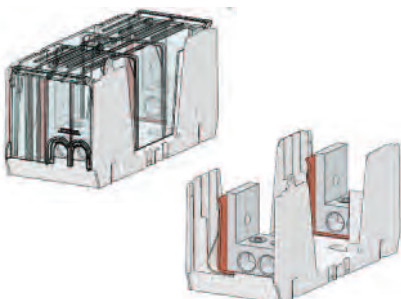
110-200A



225-400A

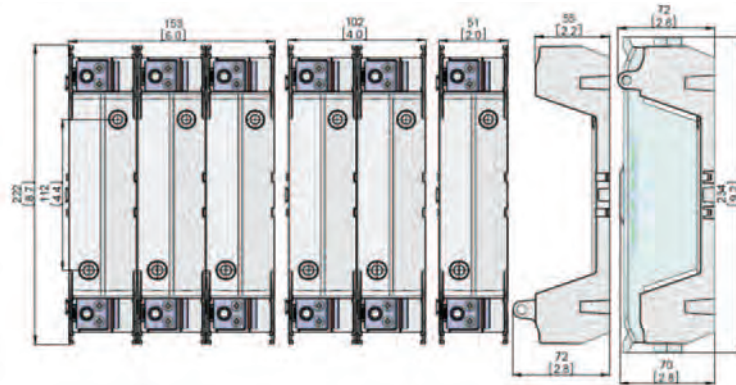
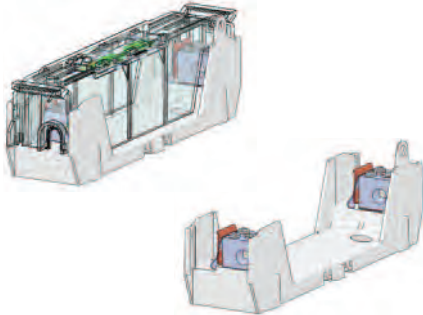


450-600A

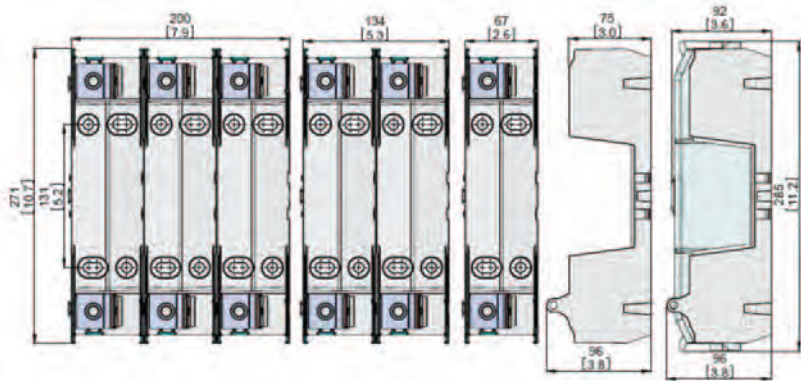
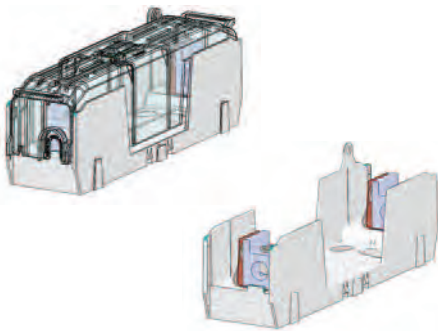


Dimensions - mm (in)

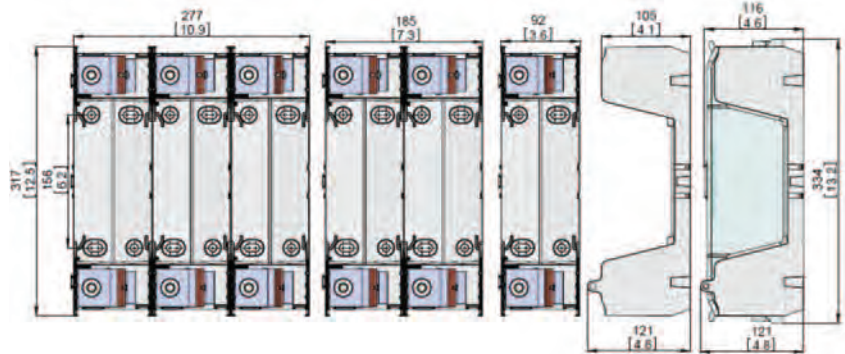
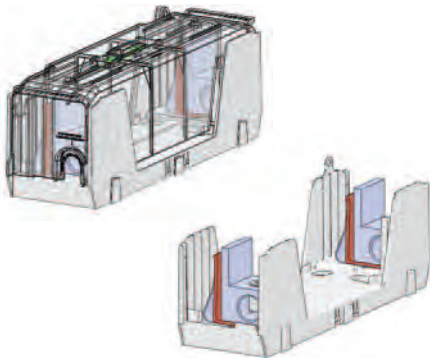
70-100A



110-200A



225-400A



450-600A

