



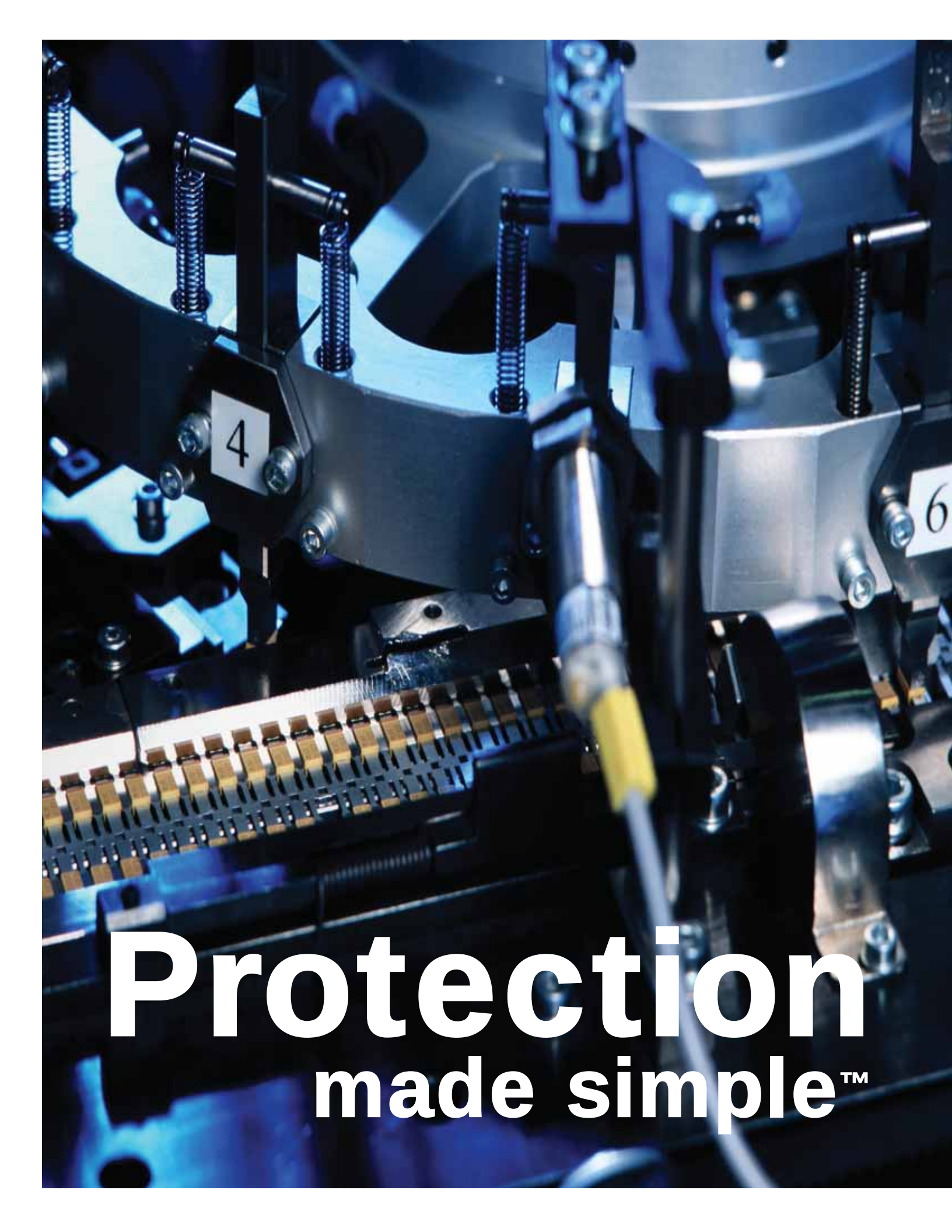
Industry's First Modular Fuse Blocks Simplify Design and Enhance Safety

Class R, H(K), & J Fuse

Applications up to 600 Amps

COOPER Bussmann





Protection
made simple™

Knifeblade Fuse Blocks with IP20 Finger-Safe Covers



Cooper Bussmann knifeblade fuse blocks offer a set of advantages you can't find anywhere else.



Modularity

The only snap-together design on the market permits assembly of required poles at point-of-use. Factory assembled two- and three-pole configurations are also available.



Best Ratings

All fuse blocks meet UL creep and clearance requirements for Industrial Control Circuits (UL 508, UL 845). 200 Amp and above blocks meet the higher UL Industrial Power Distribution Standards (UL 98, UL 67, UL 489, UL 891, and UL 869A).



Ease-of-Use

Optional high-clarity, see-through finger-safe covers with test probe holes make routine maintenance activities easy. No need to open the cover to inspect wire terminations or to take thermography measurements. Available with any Class J, H(K) or R fuse block.



Safety

For added safety and convenience, only Cooper Bussmann offers optional IP20 finger-safe covers across the entire knifeblade fuse block range. Built-in lockout/tagout feature improves safety. Blown fuse indication option on fuse cover assists in troubleshooting, while standard phase barriers between poles enhance safety.



QuikShip[™] and QuikShip[™] Service

In stock for QuikShip Everyday Service - 90% of orders ship within 24 hours. QuikShip Emergency Service ensures availability 24/7, 365 with "Next flight out" courier service.

Knifeblade Fuse Block Features & Specifications

Features and Benefits

- Integral dovetails allow snapping together 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 Control Circuits (UL 508 and UL 845)
- 200 to 600A blocks meet the higher UL creep and clearance requirements for Industrial Power Distribution Standards (UL 98, UL 69, 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
CSA - Certified 47235 – 6225-01

Ratings:

Volts: 250V, 600V

Amps: 70-600A

SCCR: 200kA (Class R & J)
10kA (Class H & K)

Flammability Ratings:

Blocks UL 94V0, self-extinguishing

Covers UL 94HB, self-extinguishing

Operating & 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 – Tin-plated aluminum

Wire:*

Cu/Al – 75°C/90°C (100 - 200A)

Cu/Al – 75°C only (400 - 600A)

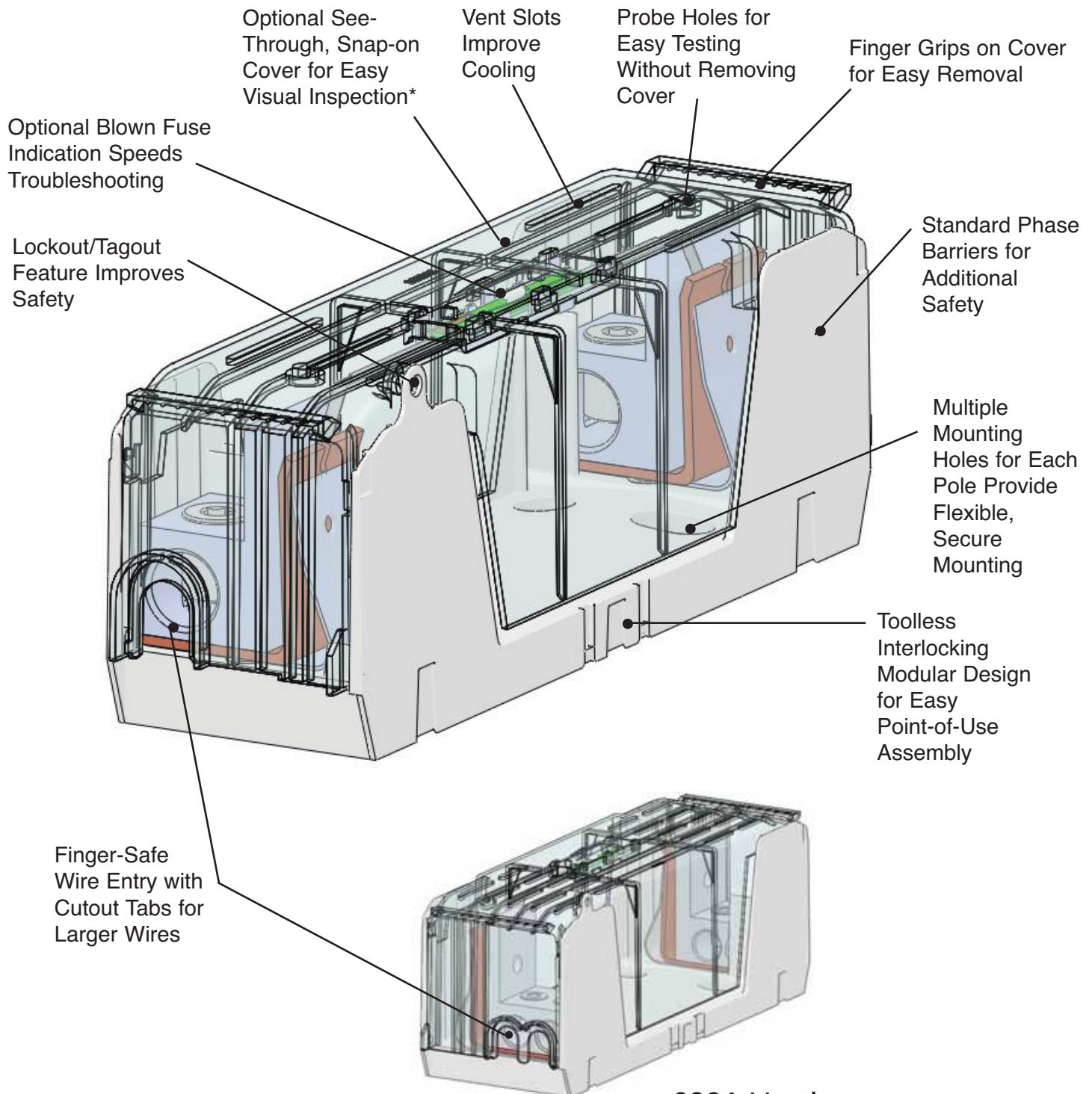
*Higher temperature rated wire can be used with appropriate derating.

RoHS



Knifeblade Fuse Block Feature Highlights

Features



600A Version

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

*No fuse derating necessary.

Knifeblade Fuse Block Part Number Table



250V Class R & H(K)



600V Class R & H(K)



Class J

Catalog Number		Covers*		Volts	Fuse Range (amps)	Number of Poles	Wire Range	Torque N•m (Lb-in)	Cooper 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	1/0-3 AWG	5.6 (50)	Class H(K): NON Class R: LPN-RK_SP LPN-RK_SPI** FRN-R KTN-R			
HM25100-2CR	RM25100-2CR					2	4-6 AWG	5.1 (45)				
HM25100-3CR	RM25100-3CR					3	8 AWG 10-14 AWG	4.5 (40) 4.0 (35)				
HM25200-1CR	RM25200-1CR	CVR-RH-25200	CVRI-RH-25200		110-200	1	250 MCM-1 AWG	42 (375)				
HM25200-2CR	RM25200-2CR					2	2-6 AWG	31 (275)				
HM25200-3CR	RM25200-3CR					3						
HM25400-1CR	RM25400-1CR	CVR-RH-25400	CVRI-RH-25400		225-400	1	600kcmil	57 (500)				
HM25400-2CR	RM25400-2CR					2	500kcmil-4 AWG Cu Dual 3/0 - 4 AWG	51 (450) 57 (500)				
HM25400-3CR	RM25400-3CR					3	Al Dual 3/0 - 4 AWG	34 (300)				
HM25600-1CR	RM25600-1CR	CVR-RH-25600	CVRI-RH-25600		450-600	1	(2) 500kcmil-4 AWG	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	1/0-3 AWG	5.6 (50)	Class H(K): NOS Class R: LPS-RK_SP LPS-RK_SPI** FRS-R KTS-R KWS-R PVS-R			
HM60100-2CR	RM60100-2CR					2	4-6 AWG	5.1 (45)				
HM60100-3CR	RM60100-3CR					3	8 AWG 10-14 AWG	4.5 (40) 4.0 (35)				
HM60200-1CR	RM60200-1CR	CVR-RH-60200	CVRI-RH-60200		110-200	1	250 MCM-1 AWG	42 (375)				
HM60200-2CR	RM60200-2CR					2	2-6 AWG	31 (275)				
HM60200-3CR	RM60200-3CR					3						
HM60400-1CR	RM60400-1CR	CVR-RH-60400	CVRI-RH-60400		225-400	1	600kcmil	57 (500)				
HM60400-2CR	RM60400-2CR					2	500kcmil-4 AWG Cu Dual 3/0 - 4 AWG	51 (450) 57 (500)				
HM60400-3CR	RM60400-3CR					3	Al Dual 3/0 - 4 AWG	34 (300)				
HM60600-1CR	RM60600-1CR	CVR-RH-60600	CVRI-RH-60600		450-600	1	(2) 500kcmil-4 AWG	51 (450)				
HM60600-2CR	RM60600-2CR					2						
HM60600-3CR	RM60600-3CR					3						

Catalog Number	Covers*		Volts	Fuse Range (amps)	Number of Poles	Wire Range	Torque N•m (Lb-in)	Cooper Bussmann Fuses
Class J	w/o Indication	w/ Indication						
JM60100-1CR	CVR-J-60100	CVRI-J-60100	600	70- 100	1	1/0-3 AWG	5.6 (50)	LPJ_SP LPJ_SPI** JKS DFJ
JM60100-2CR					2	4-6 AWG	5.1 (45)	
JM60100-3CR					3	8 AWG	4.5 (40)	
JM60200-1CR	CVR-J-60200	CVRI-J-60200		110- 200	1	250 MCM-1 AWG	42 (375)	
JM60200-2CR					2	2-6 AWG	31 (275)	
JM60200-3CR					3			
JM60400-1CR	CVR-J-60400	CVRI-J-60400		225- 400	1	600kcmil	57 (500)	
JM60400-2CR					2	500kcmil-4 AWG	51 (450)	
JM60400-3CR					3	Cu Dual 3/0 - 4 AWG Al Dual 3/0 - 4 AWG	57 (500) 34 (300)	
JM60600-1CR	CVR-J-60600	CVRI-J-60600		450- 600	1	(2) 500kcmil-4 AWG	51 (450)	
JM60600-2CR					2			
JM60600-3CR					3			

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

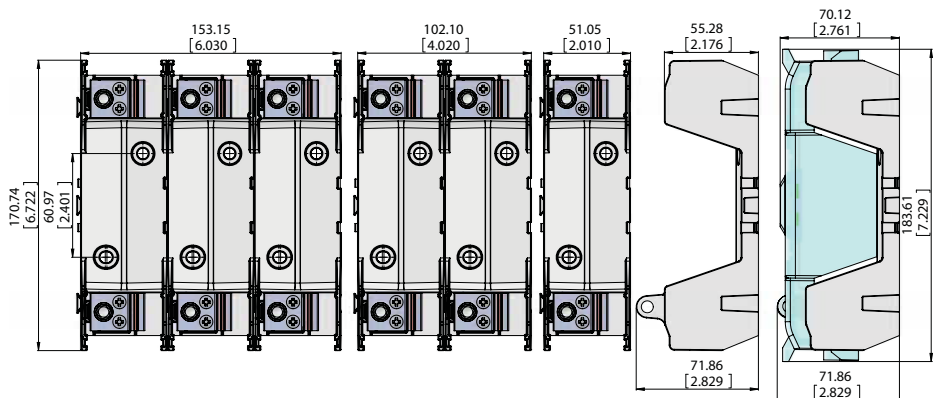
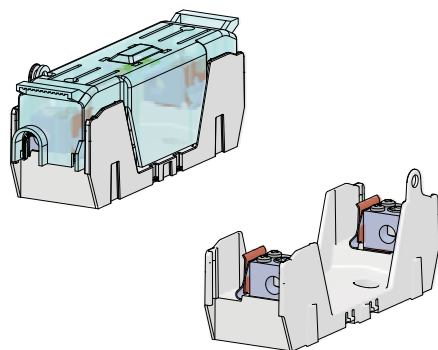
**With *eazyID*™ blown fuse indication.

250V Class R & H(K) Dimensional Specifications

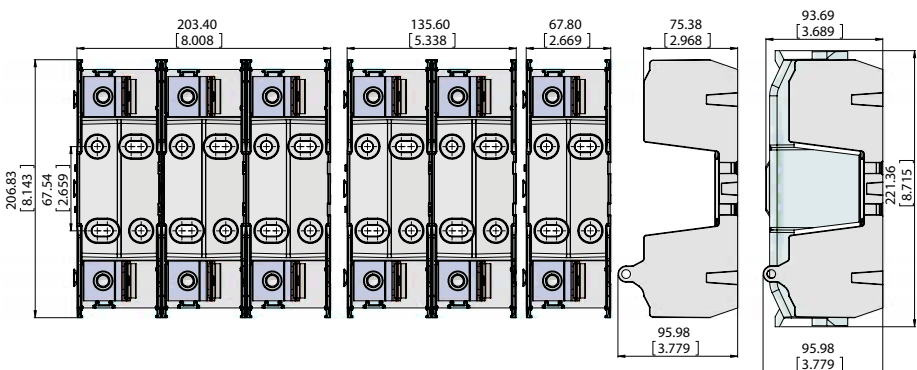
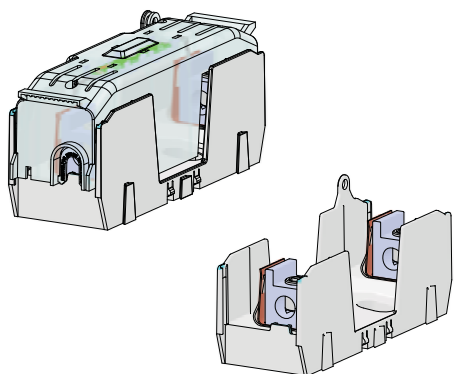


Dimensions - mm (in)

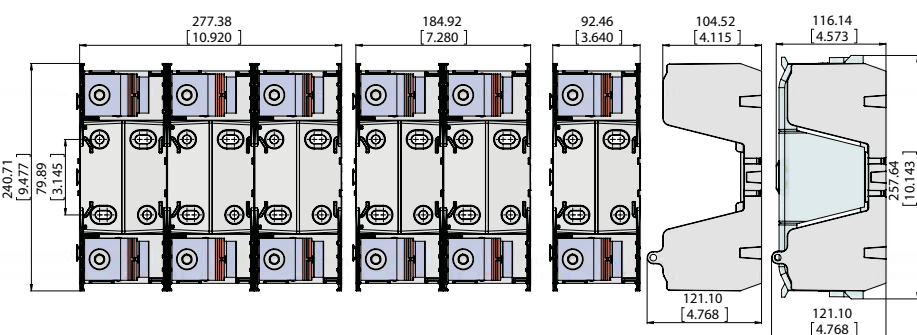
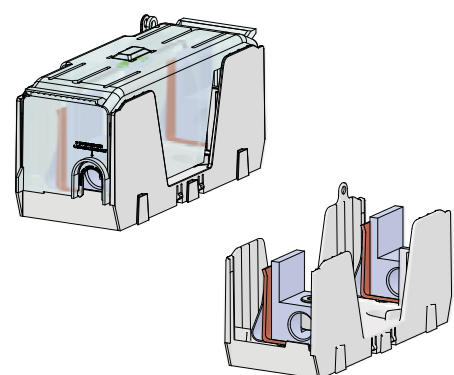
70-100A



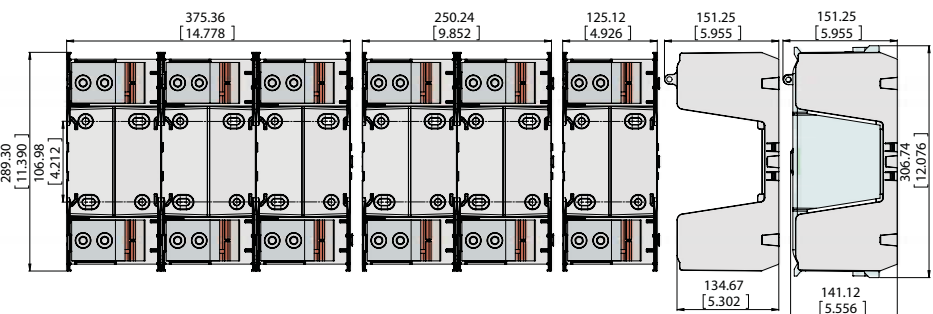
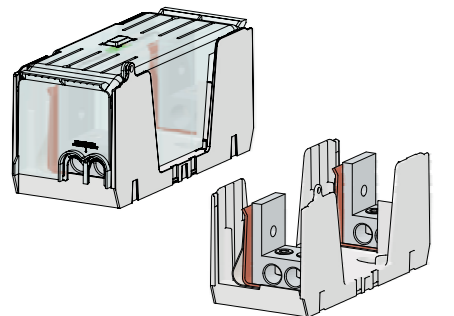
110-200A



225-400A



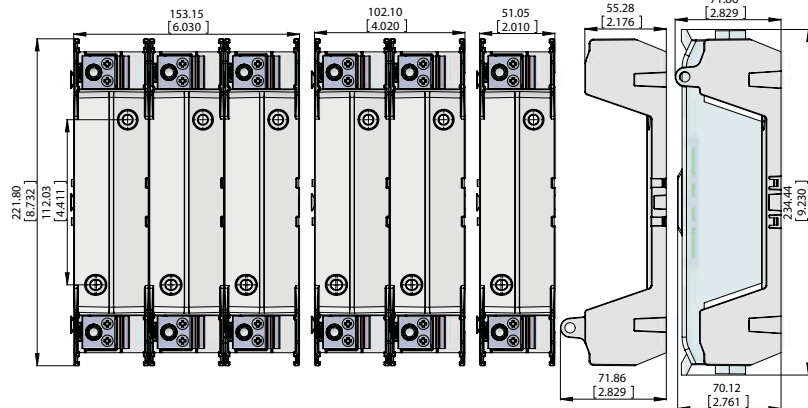
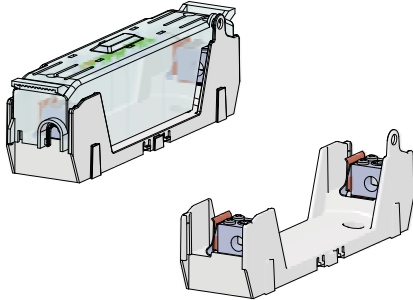
450-600A



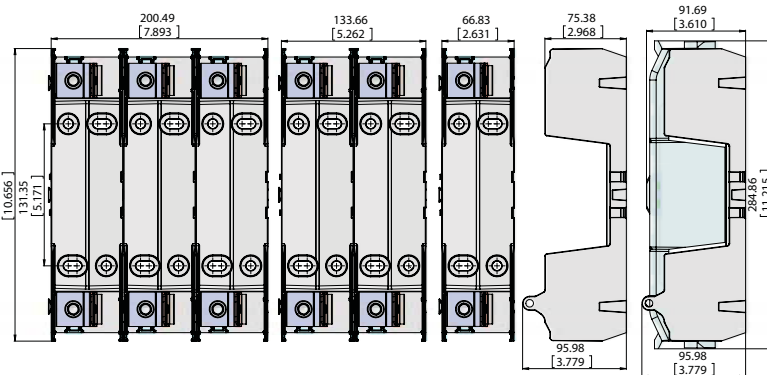
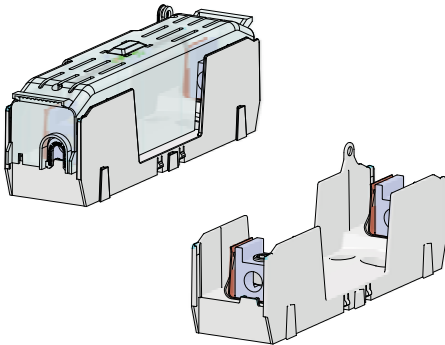
600V Class R & H(K) Dimensional Specifications

Dimensions - mm (in)

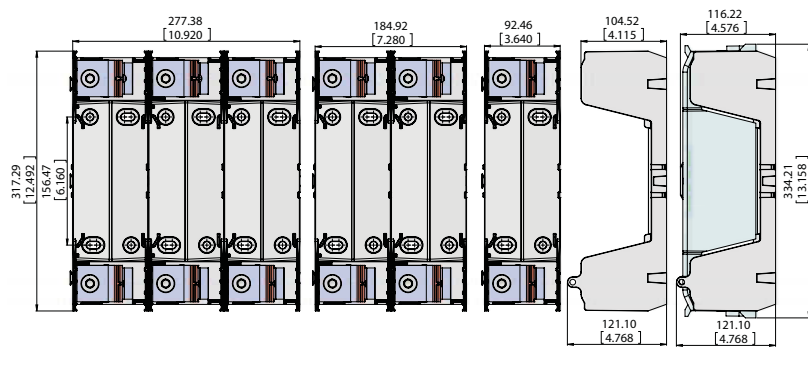
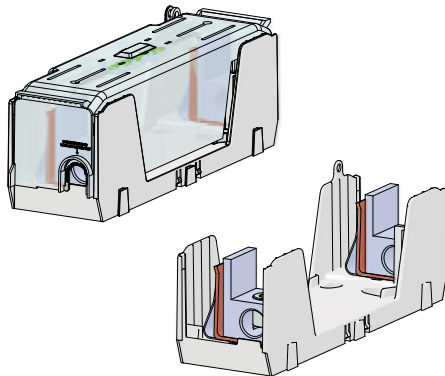
70-100A



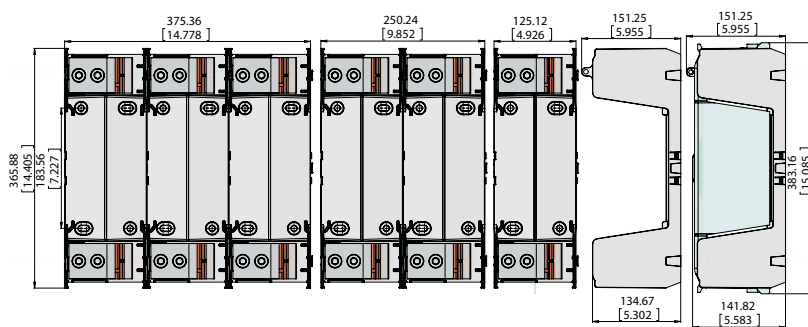
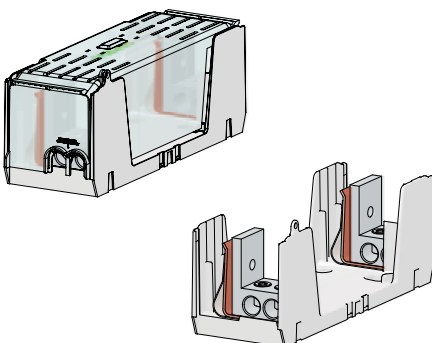
110-200A



225-400A



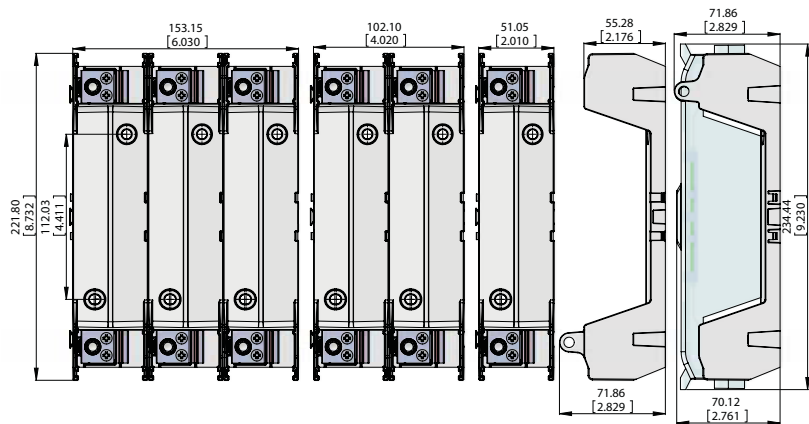
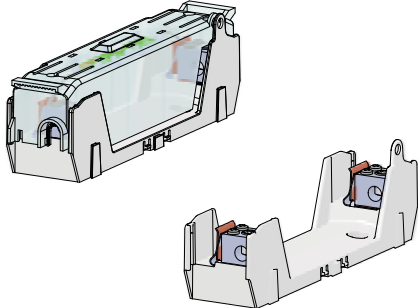
450-600A



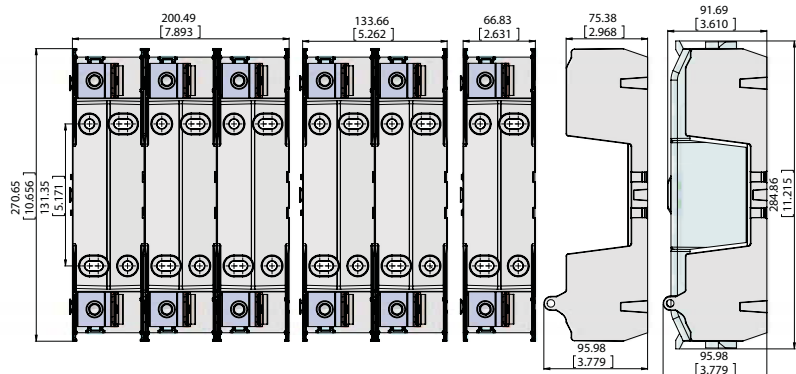
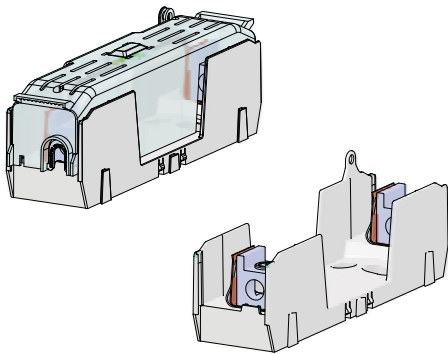
Class J Dimensional Specifications

Dimensions - mm (in)

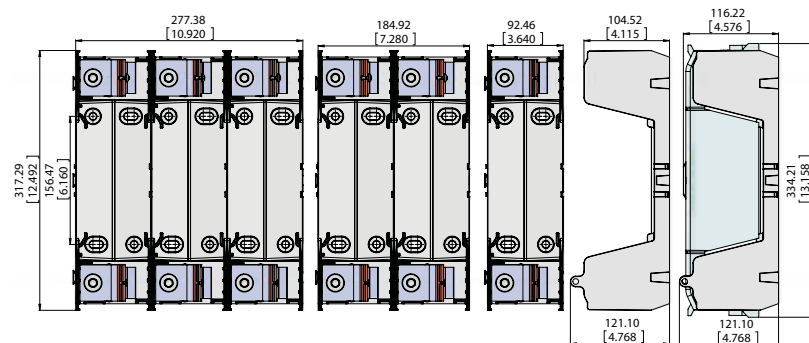
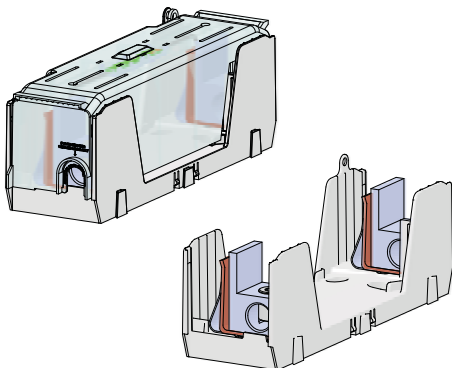
70-100A



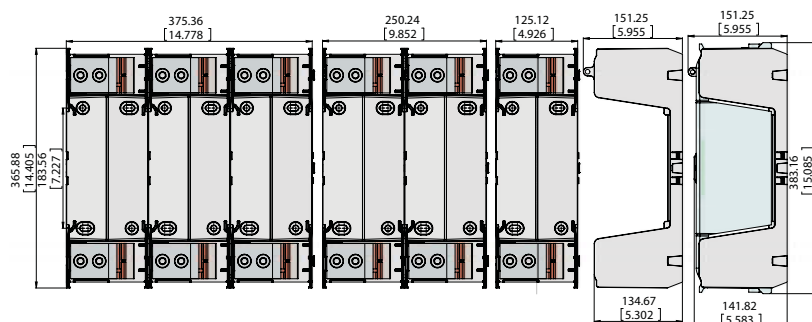
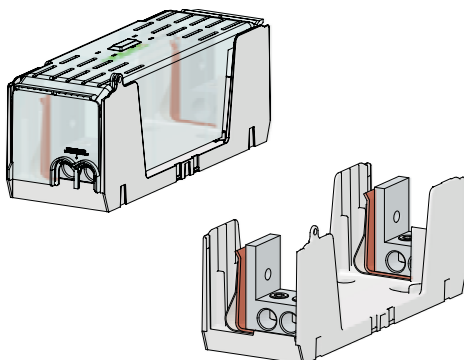
110-200A



225-400A



450-600A



Broadest Range of Modular Finger-Safe Knifeblade Fuse Blocks



More Cooper Bussmann Fuse Blocks and Holders

Modular Knifeblade Fuse Blocks with Finger-safe Covers		UL, IEC & PV CH Modular Fuse Holder Series	
Open Design Knifeblade Series		CUBEFuse™ Holder Series	
IEC CH Fuse Holder Series		Open Design Knifeblade Series	
Class J CH Fuse Holder Series		In-line Fuse Holder Series	
Class J JTN 600 Fuse Holder Series		Panel Mount Fuse Holder Series	
Optima® Midget & Class CC Series		SAMI™ Fuse Covers Series	
Open Design Class CC & Midget Series		Military Fuse Holder Series	

Customer Assistance

Customer Satisfaction Team

Available to answer questions regarding Cooper Bussmann products & services Monday-Friday, 8:00 a.m. – 6:00 p.m. Central Time. Contact:

- Toll-free phone: 855-287-7626 (855-BUSSMANN)
- Toll-free fax: 800-544-2570
- E-mail: busscustsat@cooperindustries.com

Emergency and After-Hours Orders

Next flight out or will call shipment for time-critical needs. Customers pay only standard product price, rush freight charges, & modest emergency service fee. Place these orders through the Customer Satisfaction Team during regular business hours. For after-hours, contact:

- After hours 314-995-1342

C³ – the Enhanced, Online Cooper Customer Center

Provides real time product availability, net pricing, order status & shipment tracking across six Cooper divisions: B-Line, Bussmann, Crouse-Hinds, Lighting, Power Systems & Wiring Devices. Call 877-995-5955 for log-in assistance. Available at:

- www.cooperpc3.com

Application Engineering

Technical assistance is available to all customers. Application support is available Monday-Friday, 8:00 a.m. – 5:00 p.m. Central Time. Contact:

- Toll-free phone: 855-287-7626 (855-BUSSMANN)
- E-mail: fusetech@cooperindustries.com
- Live Chat: www.cooperbussmann.com

Online Resources

Visit www.cooperbussmann.com for the following resources:

- Product search & cross-reference
- Product & technical materials
- Solutions centers for information on topical issues including arc-flash, selective coordination & short-circuit current rating
- Technical tools, like our arc-flash calculator
- Where to purchase Cooper Bussmann product

Cooper Bussmann
St. Louis, MO 63178
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www.cooperbussmann.com

Your Authorized Cooper Bussmann Distributor is:



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