Effective December 2015 Supersedes November 2014

# Class H(K), J and R modular ferrule fuse blocks



#### **Product description:**

HM Class H(K) JM Class J and RM Class R modular ferrule fuse blocks for fuses up to 60 amps.

The new Bussmann<sup>®</sup> series fuse blocks contain multiple features that increase versatility, reduce labor and enhance safety for any panel or electrical system design.

#### Features and benefits:

• Available in 1-, 2-, and 3-pole configurations to meet stocking requirements.

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- To reduce inventory, assembly time and labor, modular single-pole blocks snaptogether 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 with lower inventory cost.
- Save panel space with the smallest width dimension on the market.
- Optional see-through, IP20 finger-safe covers enhance safety with lock-out/tag-out capability.
- Optional open fuse indication on covers speeds troubleshooting.
- Easy circuit identification with available universal marker labels for blocks and covers.



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## **Specifications**

## Ratings:

•	Volts	Class H 250V, 600V
		Class J 600V
		Class R 250V, 600V

- Amps up to 60A
- Withstand Class J and R 200kA RMS Sym Class H(K) 10kA RMS Sym

## Agency information:

## Blocks:

- · UL® Listed E14853 IZLT
- · CSA® Certified 47235-6225-01
- · CE
- RoHS Compliant
- Conflict mineral free
- · REACH declaration available upon request

#### Covers:

- · UL Listed E58836 JDVS
- · CSA Certified 47235-6225-01
- RoHS Compliant
- · REACH declaration available upon request

#### Poles:

- · 1-, 2-, 3-pole units factory assembled
- Single-pole units snap together to create desired number of poles

## Flammability ratings:

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

## Operating and storage temperature range:

- Blocks -40°C to +120°C
- Non-Indicating covers -40°C to +120°C
- Indicating covers -20°C to +90°C\*
- \* Indication requires minimum 90Vac/dc and closed circuit to illuminate.

## Materials:

- · Base Thermoplastic
- Terminals Tin-plated copper brass
- Covers Thermoplastic

#### Table 1. Terminals, conductors and torque values

		Torque	
Terminal type	AWG type/range	AWG	Lb-in (N•m)
Box Lug ("CR" Option)	75°C Cu 2-14, AL 2-8	2-3; 4-6; 8; 10-14;	50 (5.6) 45 (5.1) 40 (4.5) 35 (4.0)
All other terminals*	75/90°C Cu 10-18	10-18;	20 (2.3)

\* 3/16" Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.

## **Recommended Bussmann series fuses:**

#### Class H(K)

- Basic protection general purpose 250V NON, data sheet No. 1030
- Basic protection general purpose 600V NOS, data sheet No. 1030

#### Class J

- Ultimate protection Low-Peak<sup>™</sup> LPJ time-delay fuses, data sheet No. 1006
- Advanced protection Limitron<sup>™</sup> JKS fast-acting fuses, data sheet No. 1026

#### Class R

- Ultimate protection Low-Peak LPN 250V time-delay, data sheet No. 1003
- Ultimate protection Low-Peak LPS 600V time-delay, data sheet No. 1001
- Advanced protection Limitron KTN-R 250V fast-acting, data sheet No. 1043
- Advanced protection Limitron KTS-R 600V fast-acting, data sheet No. 1044
- Advanced protection energy efficient Fusetron<sup>™</sup> FRN 250V time-delay, data sheet No. 1019
- Advanced protection energy efficient Fusetron FRS, 600V time-delay, data sheet No. 1017

#### **Recommended Bussmann series DIN-Rail end stops:**

- Part No. BRKT-ND
- Part No. BRKT-NDSCREW2

## Marker labels:

· Use Bussmann series part number TM26CB