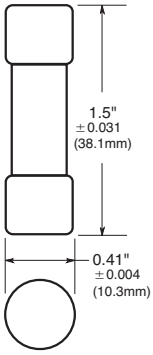
COOPER Bussmann

Fast-Acting 13/32″ x 1 ½″ (10x38mm) Midget Fuses, 600Vac/dc, 1/10–30A

KLM Series

Dimensions - in (mm)



Catalog Symbol: KLM
Fast-Acting 1/10-30A
UL Listed: STD. 248-14, (FILE #E19180, GUIDE #JDYX)
CSA Certified, C22.2 NO. 248. 14 (CLASS #1422-01, FILE #53787)
Interrupting Ratings: 100kA at 600Vac
50kA at 600Vdc

Electrical Ratings (Catalog Symbol and Amps) IR 100kA AC

KLM-1/10	KLM-½	KLM-2	KLM-6	KLM-12
KLM-⅛	KLM-¾	KLM-2-½	KLM-7	KLM-15
KLM-3/10	KLM-1	KLM-3	KLM-8	KLM-20
KLM-¼	KLM-1-¼	KLM-4	KLM-9	KLM-25
KLM-3/10	KLM-1-½	KLM-5	KLM-10	KLM-30

Designed To:

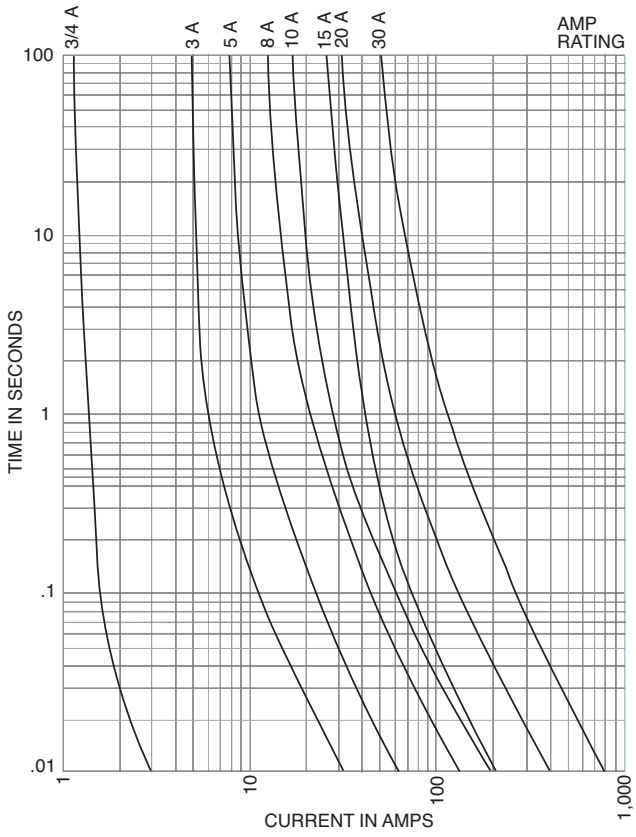
Fuses:	Designed to:
KLM 1/10 thru 30	Carry 110% of rating for 4 hours AC Opens at 135% of rating within 1 hour AC Maximum Interrupting Rating of 100kA at 600Vac DC Maximum Interrupting Rating of 50kA at 600Vdc DC Minimum Interrupting Rating of 200% rated current at 600Vdc,

Carton Quantity and Weight

Amp Ratings	Carton Qty.	Weight Lbs.	Weight Kg.
0-30	10	0.187	0.088

- A full range DC midget fuse.
- Melamine tube.
- Nickel-plated brass endcaps.

Time-Current Characteristic Curves–Total Clearing



Recommended fuse blocks/fuse holders
See Data Sheets listed below

- Open fuse blocks - 1104, 2104
- Finger-safe fuse holders - 1109, 1102, 1103, 2053
- Panel-mount fuse holders - 2114, 2113, 2108, 2112, 2109, 2140
- In-line fuse holders - 2127, 2126

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St. Louis, MO 63178
www.cooperbussmann.com

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Military Qualified Product Listing

MIL-F-15160 Fuses - Instruments, Power and Telephone

Military Standard MIL-F-15160/01 ¼" x 1" Fuses

F01A125V6/10A*
F01A125V3/4A
F01A125V8/10A
F01A125V1A
F01A125V1 1/4A
F01A125V1 1/2A
F01A125V1 6/10A*
F01A125V2A
F01A125V2 1/2A
F01A125V3A
F01A125V3 2/10A
F01A125V4A
F01A125V5A

F01A250V1/2A

*** Commercial version is AGX Series. See Data Sheet 2041 for more information.

Military Standard MIL-F-15160/03 ¼"x 1¼" Fuses

F03B125V4A
F03B125V5A
F03B125V6 1/4A
F03B125V7A
F03B125V8A
F03B125V10A
F03B125V12A
F03B125V15A
F03B125V20A
F03B125V25A
F03B125V30A

F03B250V1/10A
F03B250V1/8A
F03B250V15/100A
F03B250V3/16A
F03B250V1/4A
F03B250V3/10A*
F03B250V3/8A
F03B250V1/2A
F03B250V6/10A
F03B250V3/4A
F03B250V8/10A*
F03B250V1A
F03B250V1 1/4A
F03B250V1 1/2A
F03B250V1 6/10A
F03B250V2A
F03B250V21/2A*
F03B250V2 8/10A*
F03B250V3A
F03B250V3 2/10A

*** Commercial version is MDA Series. See Data Sheet 2002 for more information.

Military Standard MIL-F-15160/02 ¼" x 1¼" Fuses

F02A32V15A
F02A32V20A
F02A32V25A
F02A32V30A

F02B32V8A
F02B32V10A
F02B32V12A
F02B32V15A

F02A125V8A
F02A125V10A

F02A250V1/2A
F02A250V6/10AS**
F02A250V3/4A
F02A250V1A
F02A250V1 1/4A
F02A250V1 1/2A
F02A250V1 6/10A
F02A250V2A
F02A250V2 1/2A
F02A250V3A
F02A250V4A
F02A250V5A
F02A250V6A

*** Commercial version is AGC Series. See Data Sheet 2001 for more information.

Military Standard MIL-F-15160/09 13/32" x 1½" Fuses

F09A250V1A
F09A250V2A
F09A250V3A
F09A250V3 1/2A
F09A250V4AS**
F09A250V5A
F09A250V6A
F09A250V6 1/4AS**
F09A250V7A
F09A250V8A
F09A250V10A
F09A250V15A
F09A250V20A
F09A250V25A
F09A250V30A

*** Commercial version is BAN Series. See Data Sheet 2046 for more information.

Military Standard MIL-F-15160/02 ¼" x 1¼" Fuses

F02B125V4A
F02B125V5A
F02B125V6 1/4A
F02B125V7A

F02B250V15/100A
F02B250V3/16A
F02B250V2/10A
F02B250V1/4A
F02B250V3/10A
F02B250V3/8A
F02B250V4/10A*
F02B250V1/2A
F02B250V6/10A
F02B250V7/10A
F02B250V3/4A
F02B250V8/10A
F02B250V1A
F02B250V1 1/4A
F02B250V1 1/2A
F02B250V1 6/10A
F02B250V2A
F02B250V2 1/2A
F02B250V2 8/10S**
F02B250V3A
F02B250V3 2/10A*

*** Commercial version is MDL Series. See Data Sheet 2004 for more information.

Military Standard MIL-F-15160/05

F05A and F05B series cancelled without replacement on January 1976.

Military Standard MIL-F-15160/06

F06A and F06B series are inactive for new design after January 1970. Non-military equivalent is ABS Series.

Military Standard MIL-F-15160/07

F07A and F07B series are inactive for new design after January 1970. Non-military equivalent is AGU Series.

Military Standard MIL-F-15160/03 ¼" x 1¼" Fuses

F03A125V20A
F03A125V25A
F03A125V30A

F03A250V1A
F03A250V1 1/4A
F03A250V1 1/2A
F03A250V2A
F03A250V3A
F03A250V4A
F03A250V5A
F03A250V6A
F03A250V8A
F03A250V10A
F03A250V12A
F03A250V15A

*** Commercial version is ABC Series. See Data Sheet 2000 for more information.

Military Standard MIL-F-15160/09 13/32" x 1½" Fuses

F09B32V20A*
F09B32V25A
F09B32V30A

F09B125V15A

F09B250V1/10A**
F09B250V15/100A
F09B250V2/10A
F09B250V3/10A
F09B250V4/10A*
F09B250V1/2A*
F09B250V8/10A
F09B250V1A
F09B250V1 1/4A
F09B250V1 6/10A
F09B250V2A
F09B250V2 1/2A
F09B250V2 8/10S**
F09B250V3 2/10A
F09B250V3 1/2AS**
F09B250V4A
F09B250V5A
F09B250V5 6/10A
F09B250V6 1/4A
F09B250V8A
F09B250V10A

*** Commercial version is FNM Series. See Data Sheet 2028 for more information.

Note: When silver-plated fuse caps are required, simply suffix the letter "S" to the Type Designation Number; i.e., "F02A250V1/2AS."
*Indicates a product not available with silver-plated caps.
**Indicates a product available only with silver-plated caps.
*** Commercial equivalent part number is for basic design reference only. Not intended to be used as a substitute for the military part number.

Military Qualified Product Listing

MIL-F-15160 Fuses - Instruments, Power and Telephone

Military Standard MIL-F-15160/10 13/32" x 1½" Fuses
F10A250V1A
F10A250V2A
F10A250V3A
F10A250V4AS**
F10A250V5A
F10A250V6AS**
F10A250V8AS**
F10A250V10A
F10A250V15A
F10A125V20AS**
F10A125V30A*
*** Commercial version is MIN Series. See Data Sheet 2047 for more information.

Military Standard MIL-F-15160/15 9/16" x 2" Fuses
F15A250V1A
F15A250V3A
F15A250V6A
F15A250V10A
F15A250V15A
F15A250V20A
F15A250V25A
F15A250V30A

Military Standard MIL-F-15160/15 9/16" x 2" Fuses
F15BR250V1A
F15BR250V1 6/10A
F15BR250V2A
F15BR250V2 1/2A
F15BR250V3 2/10AS**
F15BR250V4AS**
F15BR250V5A
F15BR250V6 1/4A*
F15BR250V8A
F15BR250V10A
F15BR250V12A
F15BR250V20A
F15BR250V25A
F15BR250V30A
F15BR replaced F15B in October 1990.
*** Commercial version is FRN-R Series. See Data Sheet 1019 for more information.

Military Standard MIL-F-15160/16 13/16" x 3" Fuses
F16A250V35A
F16A250V40A
F16A250V45A*
F16A250V50A
F16A250V60A

Military Standard MIL-F-15160/16 13/16" x 3" Fuses
F16BR250V35A
F16BR250V40A
F16BR250V45A
F16BR250V50A
F16BR250V60A
F16BR replaced F16B in October 1990.
*** Commercial version is FRN-R Series. See Data Sheet 1019 for more information.

Military Standard MIL-F-15160/19 1" x 5 7/8" Fuses
F19BR250V70A
F19BR250V80A
F19BR250V90A
F19BR250V100A
F19BR replaced F19B in October 1990.
*** Commercial version is FRN-R Series. See Data Sheet 1020 for more information.

Military Standard MIL-F-15160/20 1½" x 7 1/8"Fuses
F20BR250V110A
F20BR250V125A
F20BR250V150A
F20BR250V175A
F20BR250V200A
F20BR replaced F20B in October 1990.
*** Commercial version is FRN-R Series. See Data Sheet 1020 for more information.

Military Standard MIL-F-15160/27

F27A Series is inactive for new design after December 1990.

Military Standard MIL-F-15160/28

F28A Series is inactive for new design after December 1990.

Military Standard MIL-F-15160/29

F29A Series is inactive for new design after December 1990.

Military Standard MIL-F-15160/30

F30A Series is inactive for new design after December 1990.

Military Standard MIL-F-15160/36

F36A and F36B Series are inactive for new design after December 1990.

Military Standard MIL-F-15160/37

F37A and F37B Series are inactive for new design after December 1990.

Military Standard MIL-F-15160/38

F38A and F38B Series are inactive for new design after December 1990.

Note: When silver-plated fuse caps are required, simply suffix the letter "S" to the Type Designation Number; i.e., "F02A250V1/2AS."
*Indicates a product not available with silver-plated caps.
**Indicates a product available only with silver-plated caps.
*** Commercial equivalent part number is for basic design reference only. Not intended to be used as a substitute for the military part number.

Military Qualified Product Listing

MIL-F-15160 Fuses - Instruments, Power and Telephone

Military Standard MIL-F-15160/39

F39A and F39B Series are inactive for new design after December 1990.

Military Standard MIL-F-15160/40

F40A and F40B Series are inactive for new design after December 1990.

Military Standard MIL-F-15160/50

F50A Series was cancelled without replacement on June 2000.

Military Standard MIL-F-15160/52

F52A Series was cancelled without replacement on January 1990.

Military Standard MIL-F-15160/60 13/32" x 1 1/2" Fuses
F60C500V1/8A
F60C500V1/4A
F60C500V3/8A
F60C500V1/2A
F60C500V3/4A
F60C500V1A
F60C500V2A
F60C500V3A
F60C500V5A
F60C500V6A
F60C500V8A
F60C500V10A
F60C500V15A
F60C500V20A
F60C500V25A
F60C500V30A
*** Commercial version is KLM Series. See Data Sheet 2020 for more information.

Military Standard MIL-F-15160/61 9/16" x 2" Fuses
F61C500V1A
F61C500V2A
F61C500V3A
F61C500V5A
F61C500V6A
F61C500V8A
F61C500V10A
F61C500V15A
F61C500V20A
F61C500V25A
F61C500V30A
*** Commercial version is KLC Series.

Military Standard MIL-F-15160/62 13/16" x 3" Fuses
F62C500V35A
F62C500V40A
F62C500V45A
F62C500V50A
F62C500V60A
*** Commercial version is KLC Series.

Military Standard MIL-F-15160/63 1" x 5 7/8" Fuses
F63C500V70A
F63C500V80A
F63C500V90A
F63C500V100A

Military Standard MIL-F-15160/64 1 1/2" x 7 1/8" Fuses
F64C500V110A
F64C500V125A
F64C500V150A
F64C500V175A
F64C500V200A

Military Standard MIL-F-15160/65 2" x 8 5/8" Fuses
F65C500V225A
F65C500V250A
F65C500V300A
F65C500V350A
F65C500V400A

Military Standard MIL-F-15160/66 2 1/2" x 11 5/8"Fuses
F66C500V450A
F66C500V500A
F66C500V600A

Military Standard MIL-F-15160/67

F67A Series was cancelled without replacement on October 1986.

Military Standard MIL-F-15160/70

F70A Series was cancelled without replacement on October 1990.

Military Standard MIL-F-15160/71

F71A Series was cancelled without replacement on October 1990.

Military Standard MIL-F-15160/72

F72A Series was cancelled without replacement on January 1990.

Military Standard MIL-F-15160/73

F73A Series was cancelled without replacement on January 1990.

Military Standard MIL-F-15160/74

F74A Series was cancelled without replacement on January 1990.

Military Standard MIL-F-15160/76

F76A Series was cancelled without replacement on January 1990.

Military Standard MIL-F-15160/77

F77A Series was cancelled without replacement on June 2000.

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