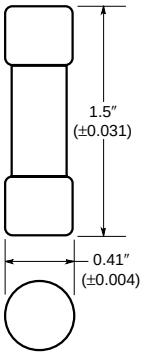
Limitron® Fast-Acting Fuses

KLM

13/32" x 1-1/2"
500 Volt AC and DC, 1/10–30A



Dimensional Data



Catalog Symbol: KLM
Fast-Acting 1/10 TO 30 AMPERES
U.L. Recognized: STD. 248-14, (FILE #E56412, GUIDE #JFHR2)
1/10 - 1/8A: 500VAC / 600 VDC
2/10 - 10A: 500V AC / DC
12A-30A: 500 VAC / 600 VDC
CSA Certified, C22.2 NO. 248. 14 (CLASS #1422-01, FILE #53787)
0-30A/500V AC/DC

Electrical Ratings (Catalog Symbol and Amperes) IR 10,000 AC

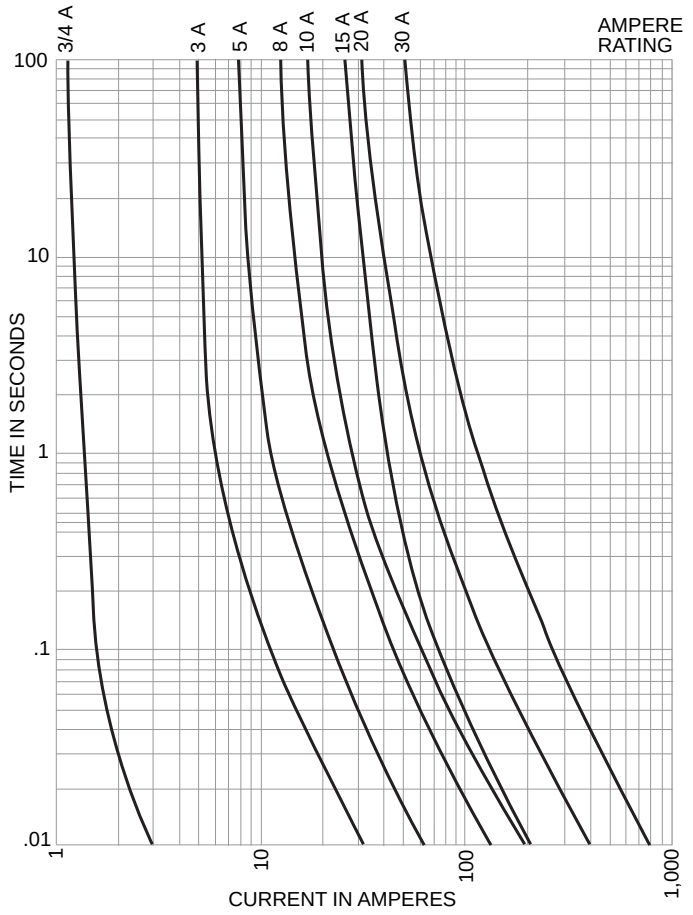
KLM-1/10	KLM-3/10	KLM-1-1/2	KLM-5	KLM-12	KLM-30
KLM-1/8	KLM-1/2	KLM-2	KLM-6	KLM-15	–
KLM-2/10	KLM-3/4	KLM-3	KLM-8	KLM-20	–
KLM-1/4	KLM-1	KLM-4	KLM-10	KLM-25	–

Designed To:

Fuses:	Designed to:
KLM 2/10 thru 10	Carry 110% of rating for 4 hours AC Opens at 135% of rating within 1 hour AC Maximum Interrupting Rating of 10kA at 500Vac DC Maximum Interrupting Rating of 10kA at 500Vdc, TC=1.5ms DC Minimum Interrupting Rating of 200% rated current at 500V dc, TC=0.7ms
KLM 12 thru 15	Carry 110% of rating for 4 hours AC Opens at 135% of rating within 1 hour AC Maximum Interrupting Rating of 10kA at 500Vac DC Maximum Interrupting Rating of 10kA at 600Vdc, TC=1.5ms DC Minimum Interrupting Rating of 1200A at 600Vdc, TC=4ms
KLM 20 thru 30	Carry 110% of rating for 4 hours AC Opens at 135% of rating within 1 hour AC Maximum Interrupting Rating of 10kA at 500Vac DC Maximum Interrupting Rating of 10kA at 600Vdc, TC=0.4ms DC Minimum Interrupting Rating of 1200A at 600Vdc, TC=4ms
KLM 40	Carry 110% of rating for 4 hours Open at 135% of rating within 1.5 hours Withstand 2,500 amp short circuit at 400 volts D.C.
KLM 10A, 15A, & 30A	Carry 110% of rating for 4 hours Open at 135% of rating within 1 hour AC: 500V 10kA DC: 400V 10kA

NOTE: KLM-(²/₁₀-30) are not Full Range DC Fuses.
KLM-(amp)A are Full Range DC Fuses.
TC = Time Constant (in milliseconds)

Time-Current Characteristic Curves–Total Clearing



Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight Lbs.	Weight Kg.
0-30	10	.187	.088

- A Limitron® fast-acting fuse.
- Melamine tube.
- Nickel-plated brass endcaps.

Recommended Bussmann Fuseblocks Catalog Numbers

Poles	Terminal Type			
	Screw With Quick Connect	Pressure Plate w/Quick Connect	Box Lug	BIF
1	BM6031SQ	BM6031PQ	BM6031B	1104
2	BM6032SQ	BM6032PQ	BM6032B	1104
3	BM6033SQ	BM6033PQ	BM6033B	1104

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

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