



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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GMF and GRF non-rejection fuses and HLR holders



Catalog symbols:

- GMF
- GRF
- HLR-2

Description:

Bussmann® series non-rejecting, time-delay, in-line fuses and holders.

Specifications:

Ratings

- Volts - 300 Vac
- Amps
 - GMF 3/10-6 1/4 A
 - GRF 7-10 A
- Interrupting rating - 10 kA

Agency information

GMF and GRF fuse:

- UL® Listed, Std. 248-14, Guide JDYX, File E19180
- CSA® Certified, C22.2 No. 248.14, Class 1422-01, File 53787
- CE

HLR fuseholder:

- UL Recognized, 12A, 300 Vac, Guide IZLT2, File E14853
- CSA Certified, 12A, 300 Vac, Class 6225-01, File 47235
- CE

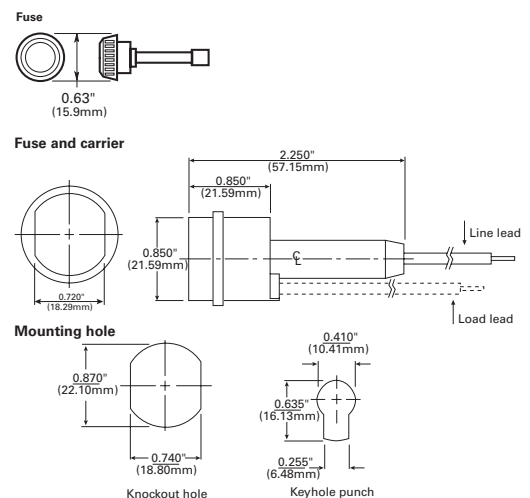
HLR-2:

- UL Recognized, 15A, 300 Vac, Guide IZLT2, File E14853
- CSA Certified, 15A, 300 Vac, Class 6225-01, File 47235
- CE

Additional information:

- HLR carrier comes with 6" of #18 red insulated solid copper wire attached to the line side
- Customer inserts a #18 insulated solid copper wire into load side receptacle
- Order part number HLR-2 to obtain 6" of #18 black insulated solid copper wire pre-installed in a load side receptacle
- Order part number HLR-2L to obtain 6" of #18 black insulated solid copper wire packaged loose (un-installed)
- An alternative to the HLR fuseholder is the A fuseholder. The A fuseholder comes WITHOUT leads. The customer inserts #18 insulated solid copper wire into the line side receptacle as well as into the load side receptacle. It has the same body dimensions, utilizes the same mounting hole, and takes the same mounting clips as the HLR. The A fuseholder is UL Recognized, 10A, 300Vac, Guide IZLT2, File E14853 and CSA Certified, 10A, 300Vac, Class 6225-01, File 47235
- Fuse and knob are an integral one-piece unit. There are no replacement knobs (caps)
- Units can be panel mounted with a separate steel clip. For the knockout hole (see above), choose #BK/A-104. For the keyhole punch type hole, choose #6374 for panels 0.043" to 0.062" thick, or #4909 for panels 0.030" to 0.042" thick
- Do not put tension on line (rear) terminal of fuseholder

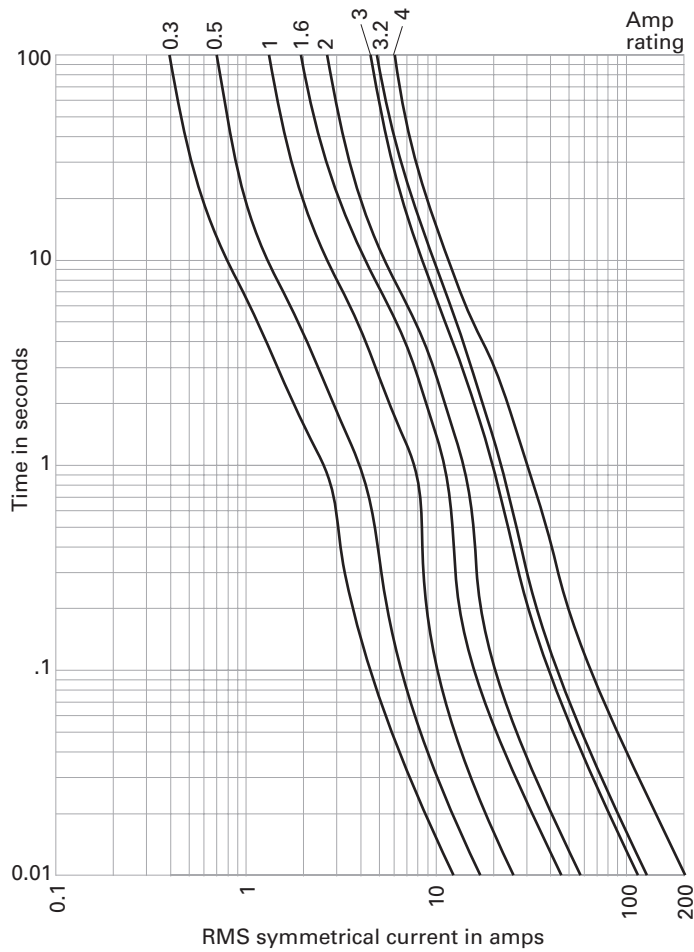
Dimensions - in (mm):



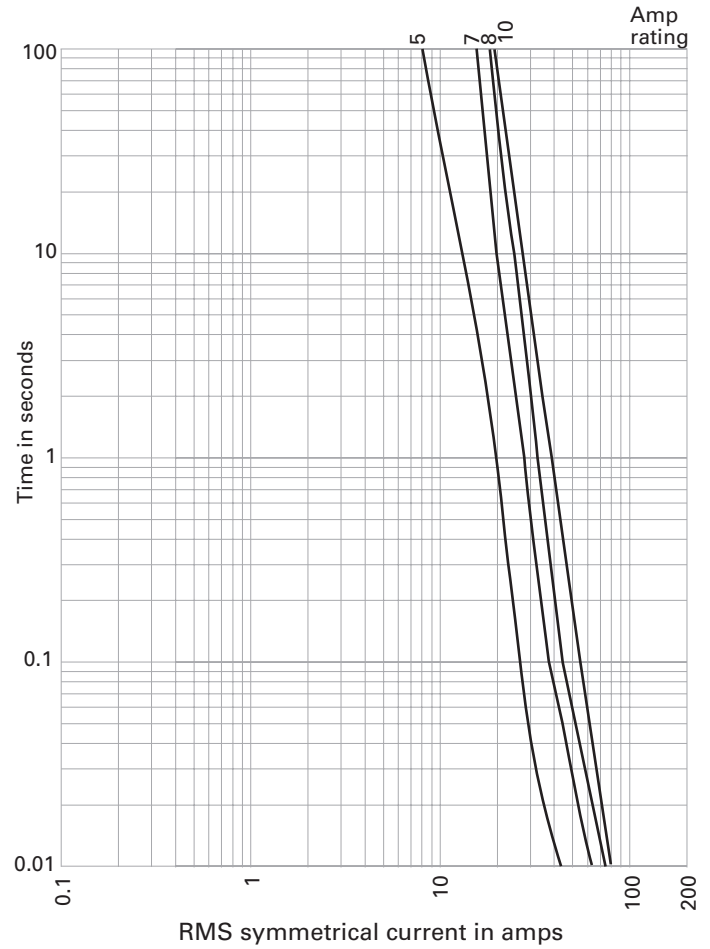
Catalog numbers

Fuse	Holder	Fuse	Holder
GMF-3/10	HLR	GMF-3	HLR
GMF-1/2	HLR	GMF-3 2/10	HLR
GMF-6/10	HLR	GMF-4	HLR
GMF-8/10	HLR	GMF-5	HLR
GMF-1	HLR	GMF-6 1/4	HLR
GMF-1 1/4	HLR	GRF-7	HLR
GMF-1 6/10	HLR	GRF-8	HLR
GMF-2	HLR	GRF-10	HLR
GMF-2 1/2	HLR	GMF-10	HLR
GMF-2 8/10	HLR		

Time-current curves—average melt



Time-current curves—average melt



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