Bussmann
REN (250V) & RES (600V) Renewable Class H Fuses

Description

Non-current limiting, renewable 250V (REN) and 600V (RES) Class H fuses and fuse links (250V LKN and 600V LKS) for use in electrical systems where the available fault current is less than 10,000 amps and frequent outages dictate the economy of these renewable type fuses.

NOTE: The 70-600 amp ratings of the REN and RES fuses are now discontinued.

Suggested replacements are:

- REN; Use 250V FRN-R Class RK5 fuses (see data sheet # 1020)
- RES; Use 600V FRS-R Class RK5 fuses (see data sheet # 1018)

Replacement fuse links for all 1-600A ratings (250V LKN & 600V LKS) will continue to be available to service the installed base of REN and RES fuses.

Ratings

- Volts - REN 250Vac
- - RES 600Vac
- Amps - 1-60A
- Interrupting Rating - 10kA RMS Sym.

250V REN Catalog numbers (1-60 Amps)

REN-1	REN-6	REN-15	REN-40
REN-2	REN-7	REN-20	REN-45
REN-3	REN-8	REN-25	REN-50
REN-4	REN-10	REN-30	REN-60
REN-5	REN-12	REN-35	-

250V REN Carton quantity and weight

Catalog Number	Carton Qty	Weight Lbs (kg)*
REN 1–30	10	0.55 (0.249)
REN 35–60	10	1.40 (0.634)

*Weight per carton.

600V RES Catalog numbers (1-60 Amps)

RES-1	RES-6	RES-20	RES-45
RES-2	RES-8	RES-25	RES-50
RES-3	RES-10	RES-30	RES-60
RES-4	RES-12	RES-35	-
RES-5	RES-15	RES-40	-

600V RES Carton quantity and weight

Catalog Number	Carton Qty	Weight Lbs (kg)*
RES 1–30	10	0.18 (0.082)
RES 35–60	10	0.36 (0.163)

*Weight per carton.

Features

- Designed without multiple links for easy fuse link replacement.
- These fuses are generally sized at the amp rating of non-inductive circuits and 300% for motor circuits.

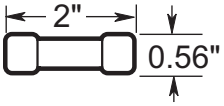
Recommended fuse blocks

Part Number	Description
H250 Series	250V, 30A & 60A 1-, 2- and 3-pole open fuse blocks
H600 Series	600V, 30A & 60A 1-, 2 and 3-pole open fuse blocks

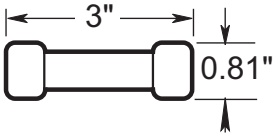
For details, see data sheet # 1112 for the H250 Series and data sheet # 1113 for the H600 Series.

Dimensions - in

250V REN

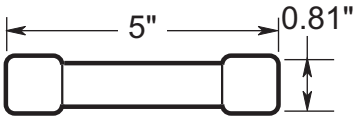


1A to 30A

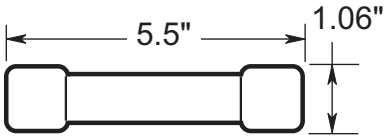


35A to 60A

600V RES



1A to 30A



35A to 60A

Replacement 250V REN & 600V RES fuse links

250V LKN Fuse link catalog numbers (amps)

LKN-1	LKN-10	LKN-60	LKN-200
LKN-1-1/2	LKN-12	LKN-70	LKN-225
LKN-2	LKN-15	LKN-75	LKN-250
LKN-3	LKN-20	LKN-80	LKN-300
LKN-4	LKN-25	LKN-90	LKN-350
LKN-5	LKN-30	LKN-100	LKN-400
LKN-6	LKN-35	LKN-110	LKN-450
LKN-7	LKN-40	LKN-125	LKN-500
LKN-8	LKN-45	LKN-150	LKN-600
LKN-9	LKN-50	LKN-175	—

600V LKS Fuse link catalog numbers (amps)

LKS-1	LKS-10	LKS-50	LKS-200
LKS-2	LKS-12	LKS-60	LKS-225
LKS-2-1/2	LKS-15	LKS-70	LKS-250
LKS-3	LKS-17-1/2	LKS-80	LKS-300
LKS-4	LKS-20	LKS-90	LKS-350
LKS-5	LKS-25	LKS-100	LKS-400
LKS-6	LKS-30	LKS-110	LKS-450
LKS-7	LKS-35	LKS-125	LKS-500
LKS-8	LKS-40	LKS-150	LKS-600
LKS-9	LKS-45	LKS-175	—

250V LKN Fuse link carton quantity and weight

Catalog Number	Carton Qty	Weight Lbs (kg)*
LKN 1–30	20	0.05 (0.02)
LKN 35–60	20	0.20 (0.09)
LKN 70–100	10	0.20 (0.09)
LKN 110–200	5	0.25 (0.11)
LKN 225–400	5	0.55 (0.25)
LKN 450–600	2	0.32 (0.15)

*Weight per carton.

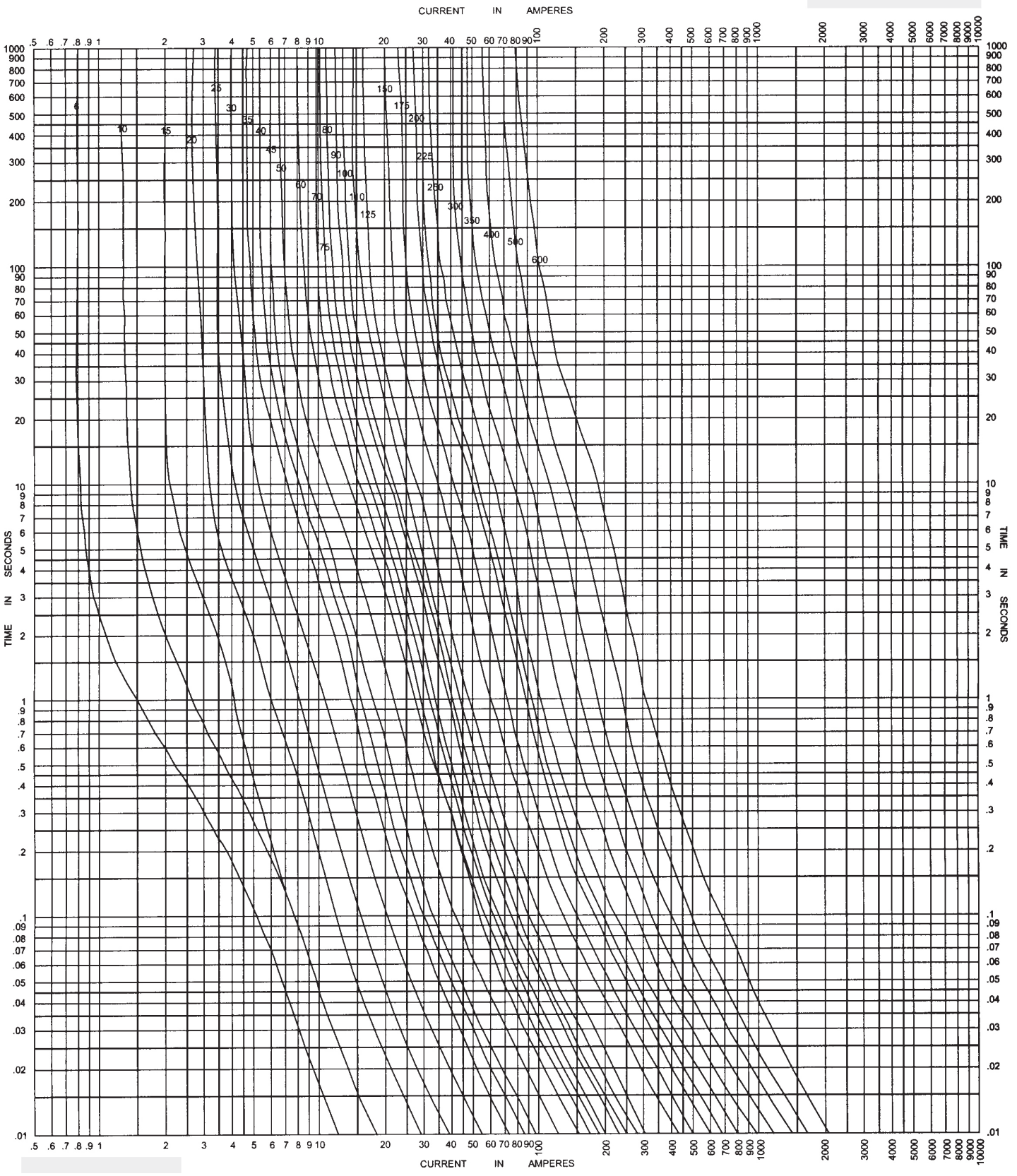
600V RES Fuse link carton quantity and weight

Catalog Number	Carton Qty	Weight Lbs (kg)*
LKS 1–30	20	0.05 (0.02)
LKS 35–60	20	0.02 (0.09)
LKS 65–100	10	0.02 (0.09)
LKS 110–200	5	0.25 (0.11)
LKS 225–400	5	0.55 (0.25)
LKS 450–600	2	0.32 (0.15)

*Weight per carton.

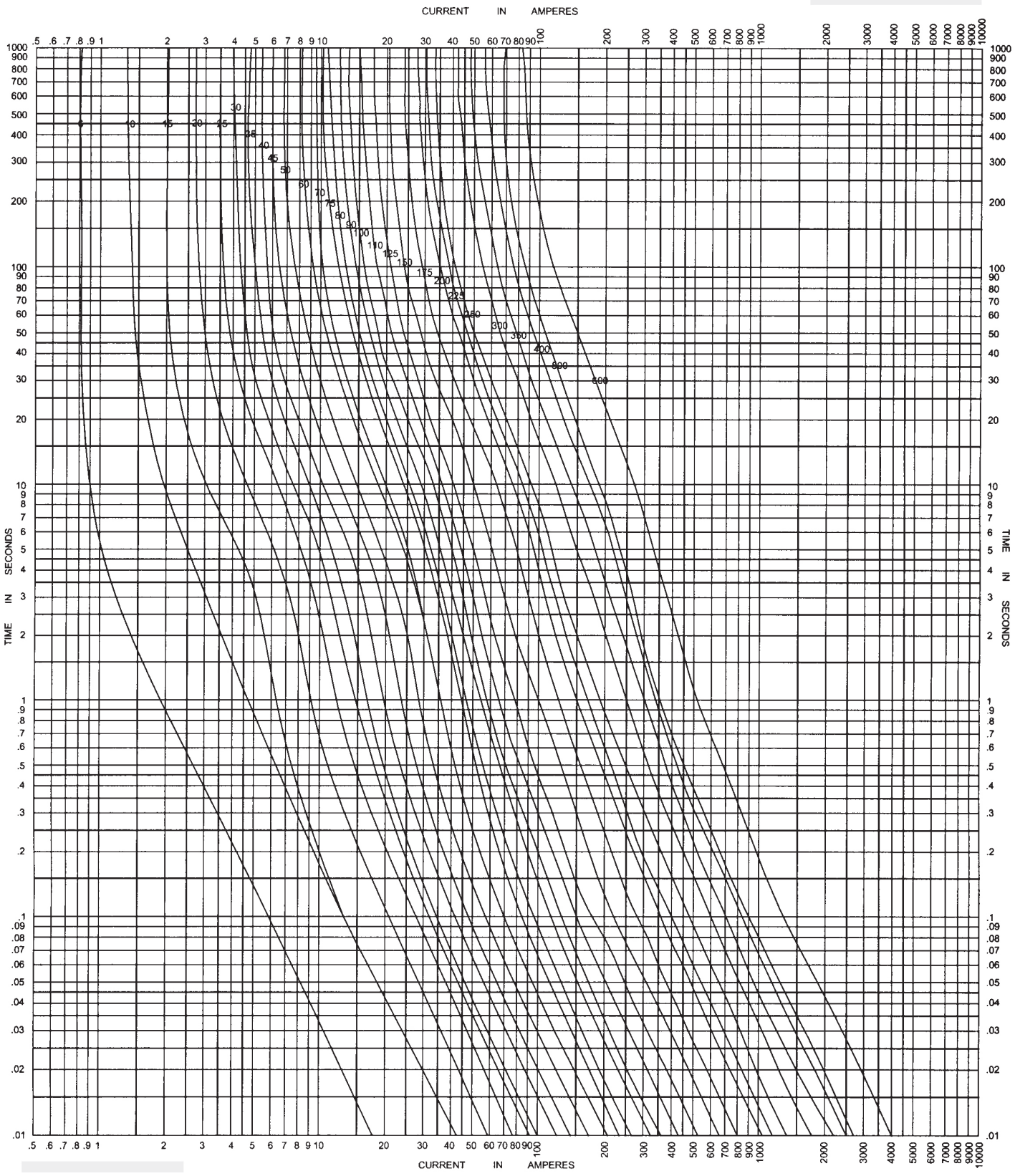
Time-current characteristic curves – average melt

250V REN (LKN Fuse links)



Time-current characteristic curves – average melt

600V RES (LKS Fuse links)



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Eaton's Bussmann Business
114 Old State Road
Ellisville, MO 63021
United States
www.bussmann.com

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