

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



600V RES



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.

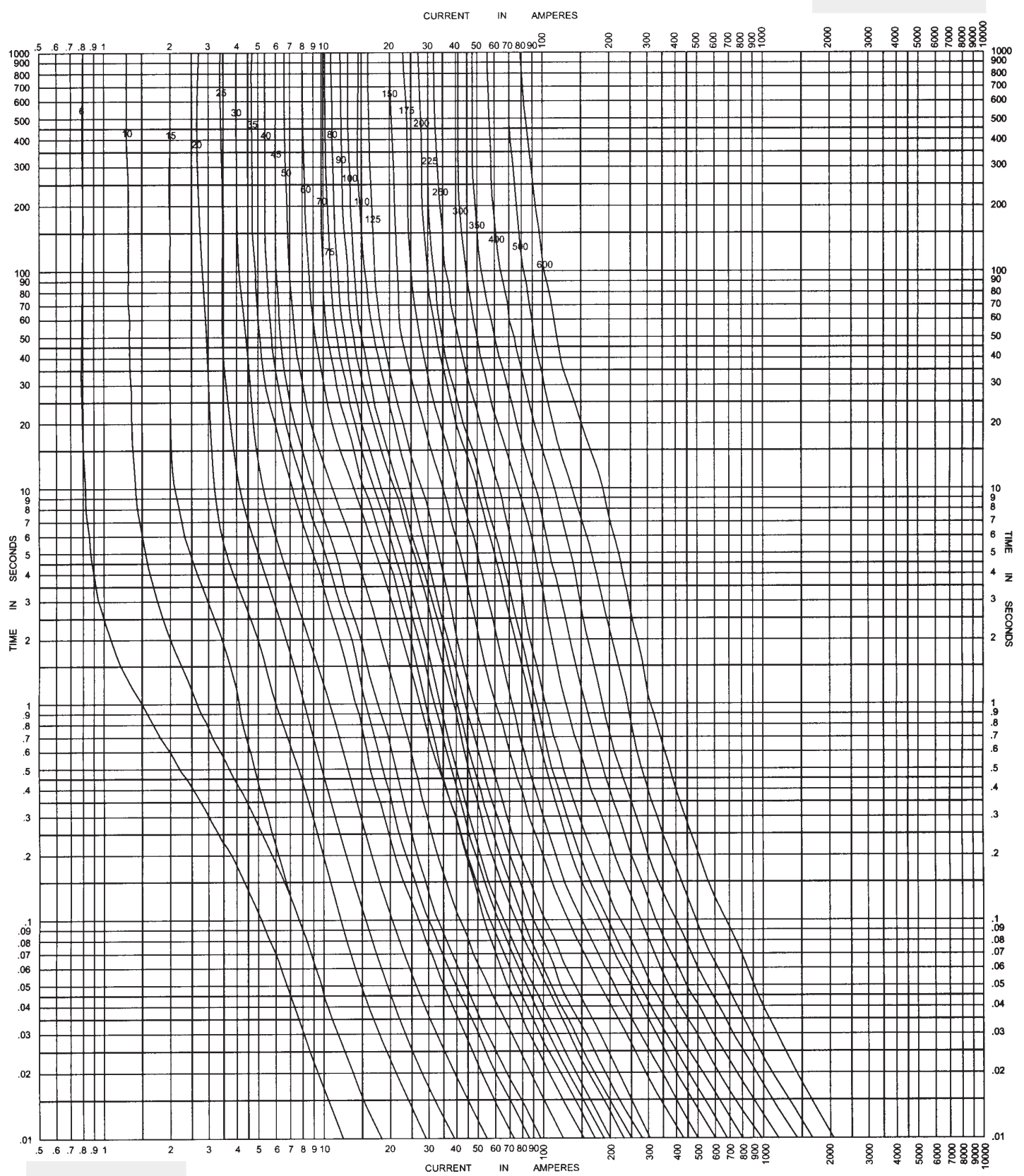
600V RES Fuse link carton quantity and weight

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.

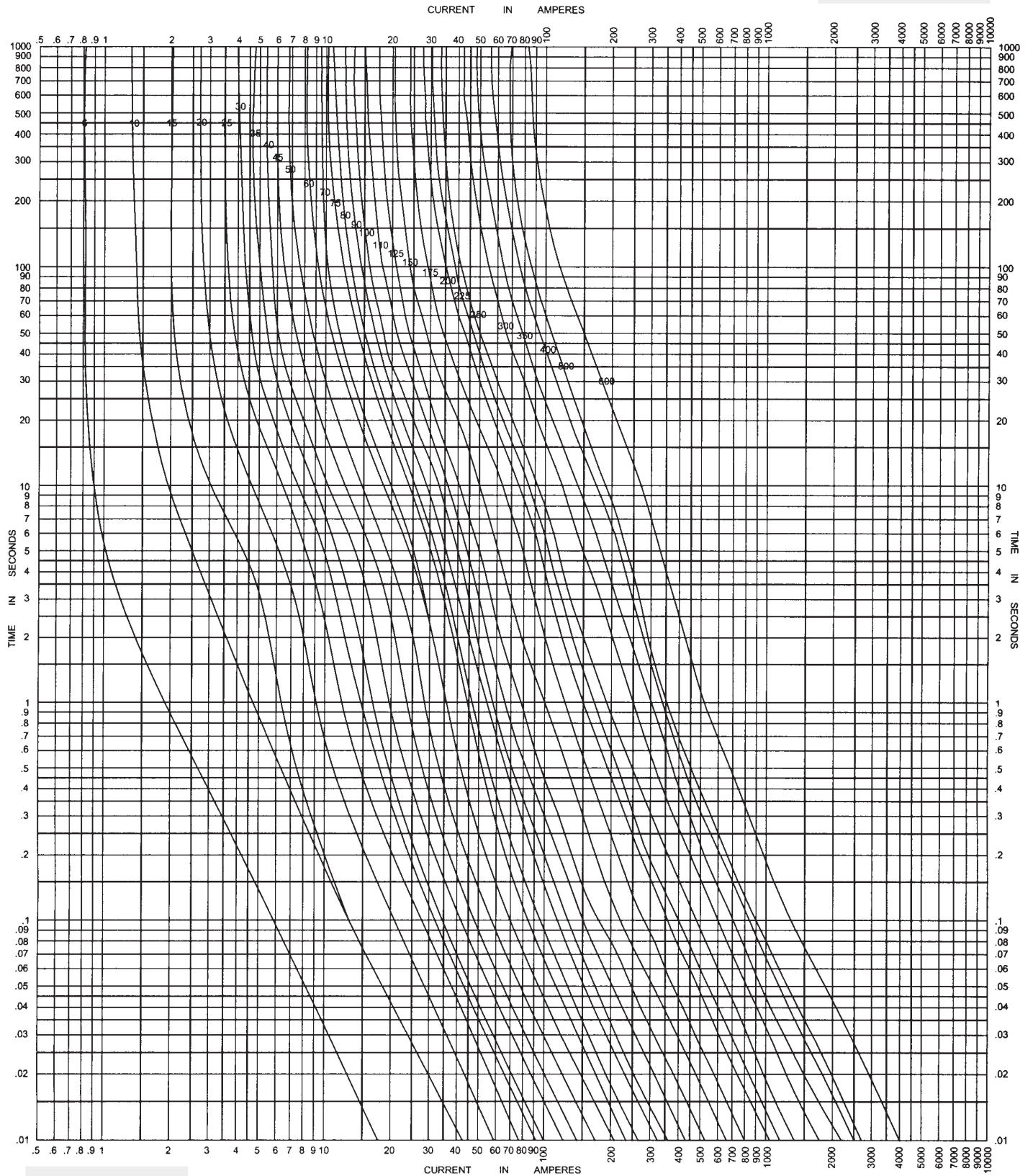
Time-current characteristic curves – average melt

250V REN (LKN Fuse links)



Time-current characteristic curves – average melt

600V RES (LKS Fuse links)



The only controlled copy of this Data Sheet is the electronic read-only version located on the Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

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

© 2014 Eaton
All Rights Reserved
Publication No. 1028 — BU-SB14109
March 2014

Eaton is a registered trademark.
All other trademarks are property
of their respective owners.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9