

# LIMITRON™ KTK-R Class CC 600Vac, 1/10-30A, fast-acting fuses

**RoHS****Catalog symbol:**

KTK-R-(amp)

**Description:**

Bussmann® series Advanced protection KTK-R Class CC current-limiting, fast-acting fuses.

**Specifications:****Ratings**

- Volts 600Vac
- Amps 1/10-30A
- IR 200kA Vac RMS Sym.

**Agency information:**

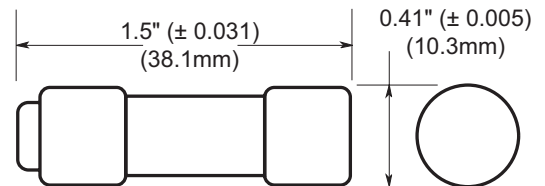
- UL® Listed, Std. 248-4, Class CC, Guide JDDZ, File E4273
- CSA® Certified, C22.2 NO. 248.4, File 53787, Class 1422-02
- CE
- RoHS compliant

**Catalog numbers (amps)**

KTK-R-1/10	KTK-R-6/10	KTK-R-3-1/2	KTK-R-10
KTK-R-1/8	KTK-R-3/4	KTK-R-4	KTK-R-12
KTK-R-2/10	KTK-R-1	KTK-R-5	KTK-R-15
KTK-R-1/4	KTK-R-1-1/2	KTK-R-6	KTK-R-20
KTK-R-3/10	KTK-R-2	KTK-R-7	KTK-R-25
KTK-R-4/10	KTK-R-2-1/2	KTK-R-8	KTK-R-30
KTK-R-1/2	KTK-R-3	KTK-R-9	

**Carton quantity:**

Amp rating	Carton qty.
1/10-30	10

**Dimensions – in (mm):****Features:**

- Provides 10X better current limitation to help prevent equipment damage caused by short-circuit events.
- 200kA interrupting rating complies with NEC® Section 110.9 for today's large capacity systems.
- Fast-acting fuse helps prevent equipment damage caused by short-circuit events.
- Rejection type fuse fits both standard and rejection-style holders.
- Ideal for critical industrial or commercial applications that have specific current limitation requirements.

**EATON**

Powering Business Worldwide

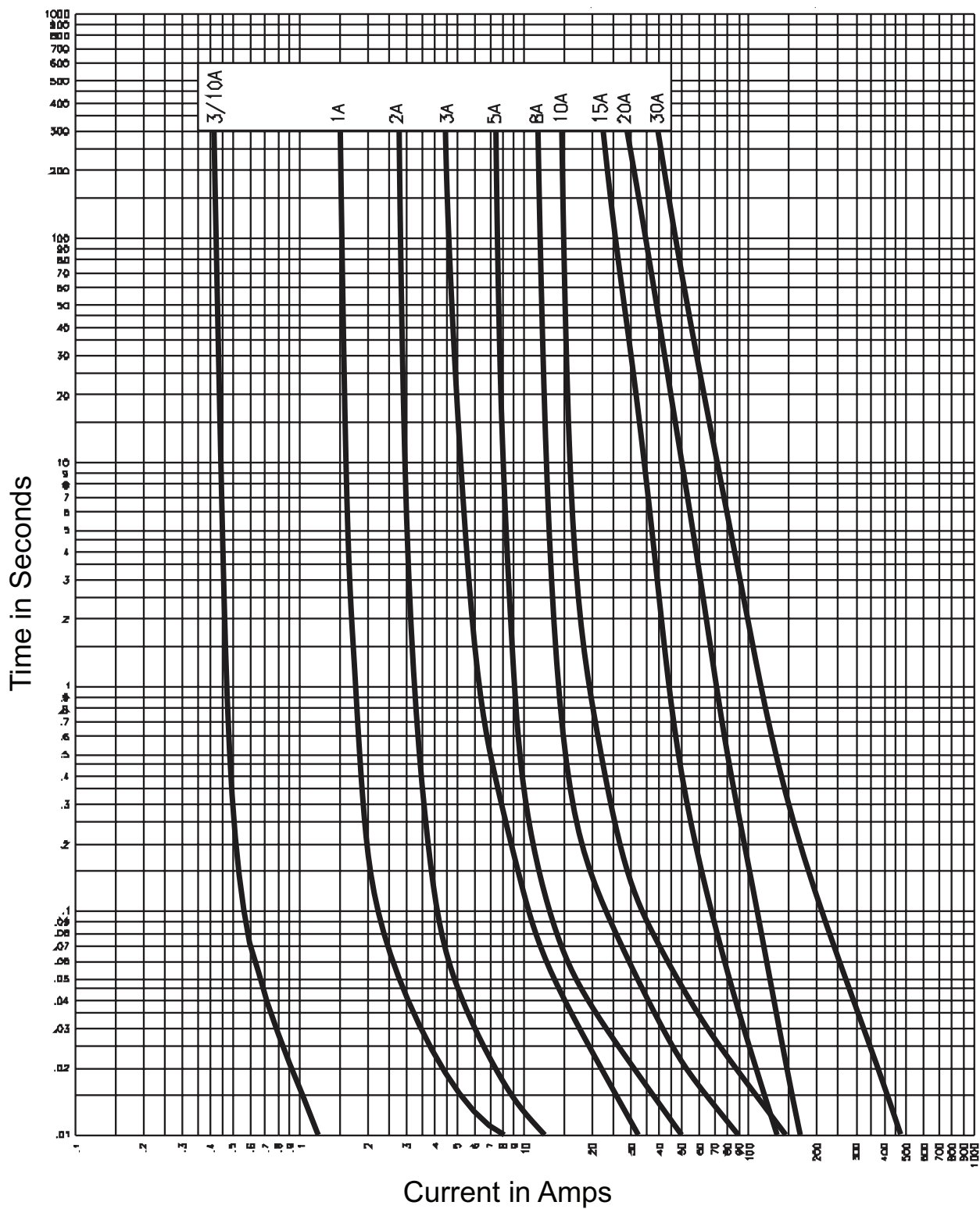
## Recommended fuse blocks and holders:

Fuse amps	1-Pole	2-Pole	3-Pole
<b>Modular open blocks</b>			
0-30	BCM603-1_	BCM603-2_	BCM603-3_
<b>DIN-Rail holders</b>			
	CHCC1D_	CHCC2D_	CHCC3D_
0-30	—	—	OPM-NG_
	—	—	OPM-1038_
	—	—	OPM-1038_SW
<b>Panel mount holders</b>			
0-30	HPS	—	—
	HPF	—	—
<b>In-line holders</b>			
0-30	—	HEY	—
	HEZ	—	—

For additional information on Class CC fuse blocks and holders, see data sheets:

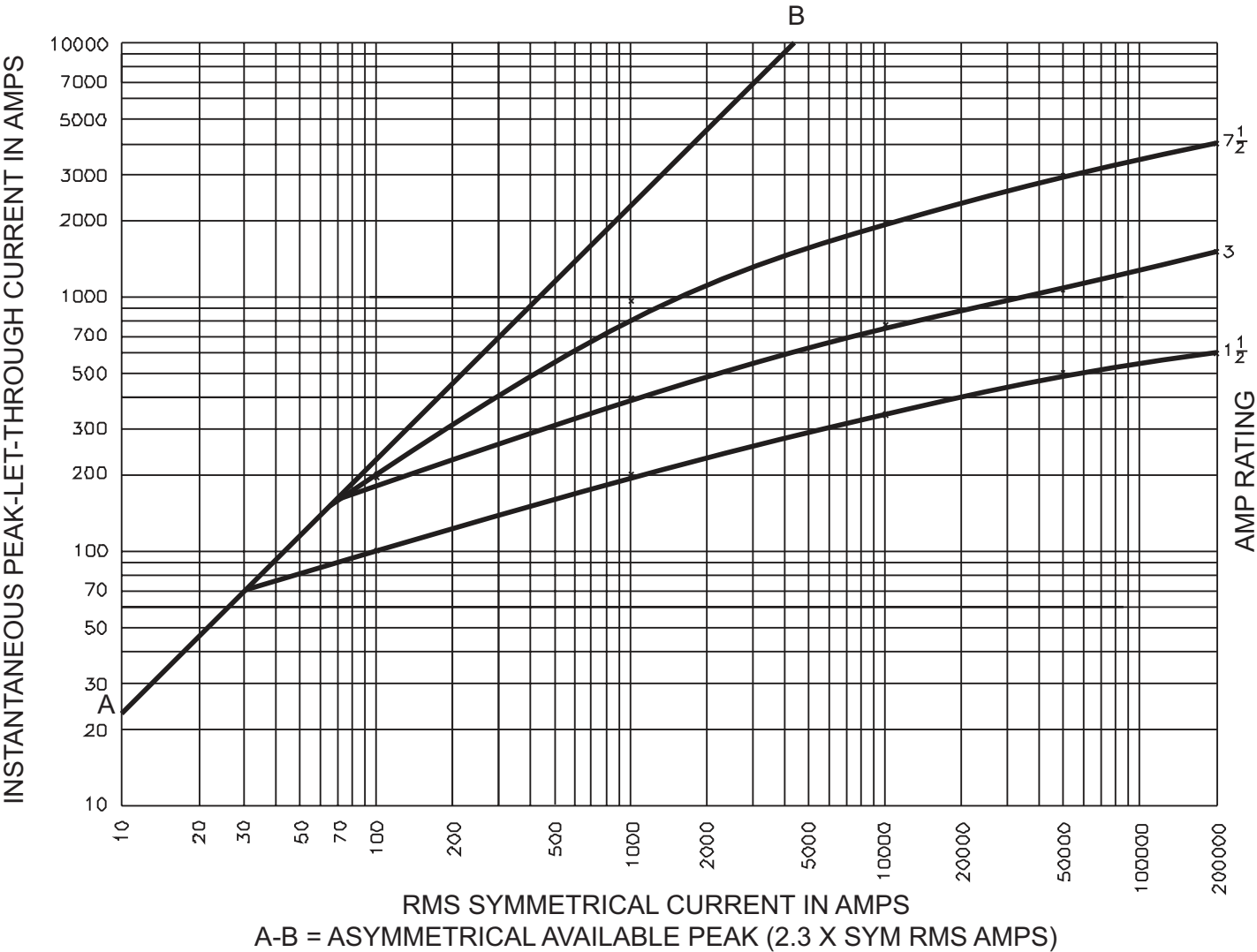
- Modular open blocks no. 10241 (BCM)
- DIN-Rail holders no. 3185 (CHCC), no. 1109 (OPM), no. 1102 (OPM-1038), no. 1103 (OPM-1038\_SW)
- Panel mount holders no. 2113 (HPS), no. 2114 (HPF)
- In-line holders no. 2126 (HEY), no. 2130 (HEZ)

# Time-current curves - average melt:



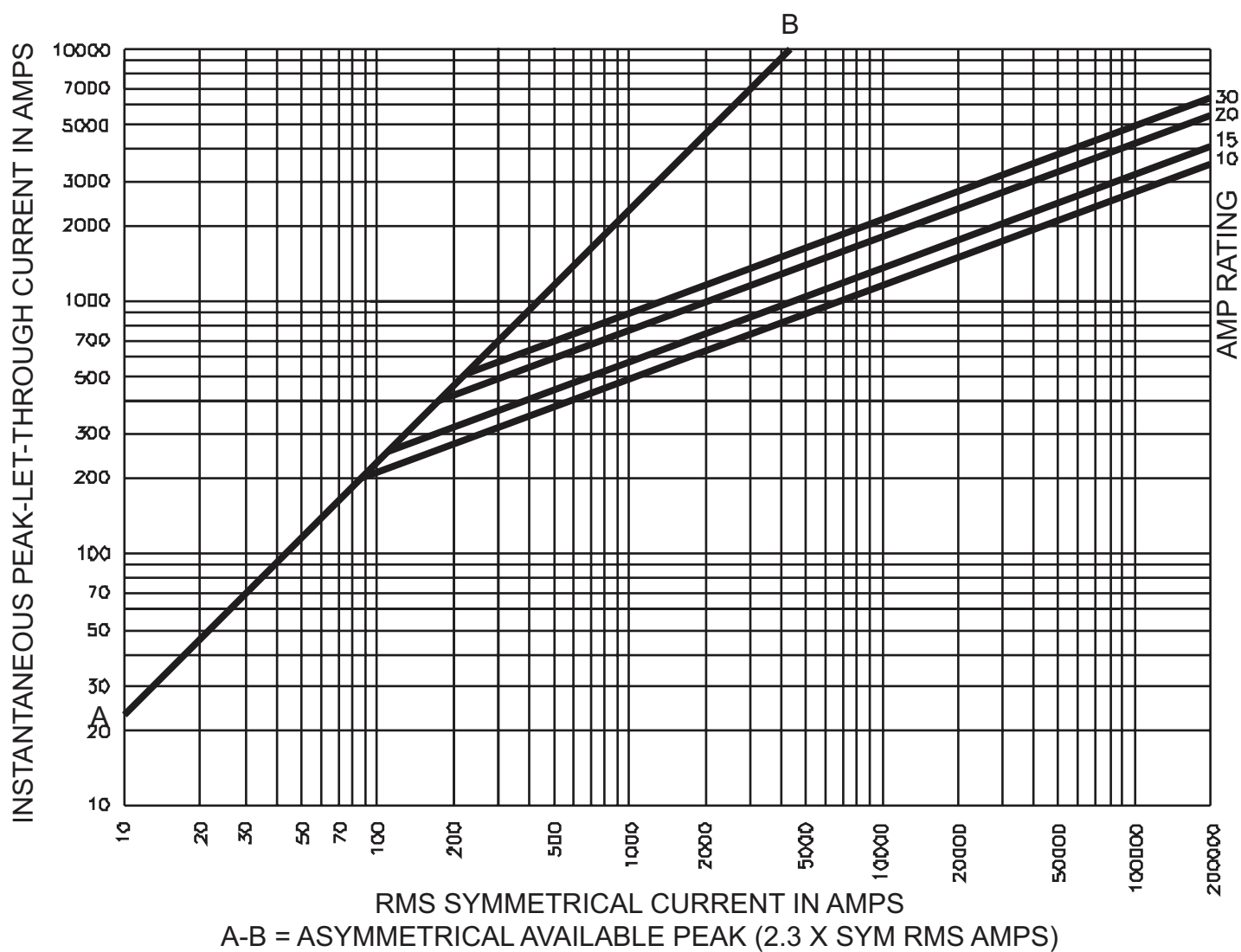
Current-limitation curves:

1 1/2 to 7 1/2 amps



**Current-limitation curves:**

10 to 30 amps



The only controlled copy of this data sheet is the electronic read-only version located on the Eaton 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. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton 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**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
Eaton.com

Bussmann Division  
114 Old State Road  
Ellisville, MO 63021  
United States  
Eaton.com/bussmannseries

© 2016 Eaton  
All Rights Reserved  
Printed in USA  
Publication No. 1015 — BU-SB13727  
February 2016

Eaton, Bussmann and Limitron are valuable trademarks of Eaton in the US and other countries. You are not permitted to use the Eaton trademarks without prior written consent of Eaton.

CSA is a registered trademark of the Canadian Standards Group.  
NEC is a registered trademark of the National Fire Protection Association, Inc.  
UL is a registered trademark of the Underwriters Laboratories, Inc.

For Eaton's Bussmann series  
product information,  
call **1-855-287-7626** or visit:  
**Eaton.com/bussmannseries**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Cooper Bussmann:

[KTK-R-1/4](#) [KTK-R-7](#) [KTK-R-1/8](#)

## Eaton:

[KTK-R-20](#) [KTK-R-1/10](#) [KTK-R-5](#) [KTK-R-10](#) [KTK-R-15](#) [KTK-R-4/10](#) [KTK-R-8](#) [KTK-R-6](#) [KTK-R-12](#) [KTK-R-1/2](#)  
[KTK-R-3](#) [KTK-R-1-1/2](#) [KTK-R-9](#) [KTK-R-1](#) [KTK-R-2-1/2](#) [KTK-R-2/10](#) [KTK-R-3-1/2](#) [KTK-R-2](#) [KTK-R-4](#) [KTK-R-3/10](#)  
[KTK-R-25](#) [KTK-R-3/4](#) [BK/KTK-R-1-1/2](#)