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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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# LIMITRON™ FNQ-R Class CC 600Vac, 1/4-30A, time-delay fuses



**Catalog symbol:**

- FNQ-R-(amp)

**Description:**

Advanced protection Class CC current-limiting, time-delay fuses.

**Specifications:**

**Ratings**

- Volts
  - 600Vac
  - 300Vdc (15 & 20A)
- Amps 1/4-30A
- IR
  - 200kA Vac RMS Sym.
  - 20kA Vdc (15 & 20A)

**Agency information**

- UL® Listed, Std. 248-4, Class CC, Guide JDDZ, File E4273
- CSA® Certified, Class CC CSA, Class 1422-01, File 53787-HRC-MISC
- CE
- RoHS compliant\*

\* FNQ-R-1/4 not RoHS complaint.

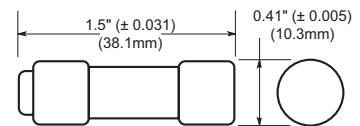
**Catalog numbers (amps)**

FNQ-R-1/4	FNQ-R-1-3/10	FNQ-R-3-2/10	FNQ-R-8
FNQ-R-3/10	FNQ-R-1-4/10	FNQ-R-3-1/2	FNQ-R-9
FNQ-R-4/10	FNQ-R-1-1/2	FNQ-R-4	FNQ-R-10
FNQ-R-1/2	FNQ-R-1-6/10	FNQ-R-4-1/2	FNQ-R-12
FNQ-R-6/10	FNQ-R-1-8/10	FNQ-R-5	FNQ-R-15
FNQ-R-3/4	FNQ-R-2	FNQ-R-5-6/10	FNQ-R-17-1/2
FNQ-R-8/10	FNQ-R-2-1/4	FNQ-R-6	FNQ-R-20
FNQ-R-1	FNQ-R-2-1/2	FNQ-R-6-1/4	FNQ-R-25
FNQ-R-1-1/8	FNQ-R-2-8/10	FNQ-R-7	FNQ-R-30
FNQ-R-1-1/4	FNQ-R-3	FNQ-R-7-1/2	

**Carton quantity:**

Amp rating	Carton qty.
1/4-30	10

**Dimensions - in:**



**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.
- The Class CC FNQ-R Limitron fuse meets the needs of control circuit transformer protection.
- FNQ-R fuses can be sized according to NEC® and UL requirements and still allow the high inrush currents, with significantly more time-delay than the UL minimum value of 12 seconds at 200% for Class CC fuses.
- Ideal for critical industrial or commercial applications that have specific current limitation requirements.



Powering Business Worldwide

### Applications:

- Branch circuits
- Line protection
- Small control transformers
- Industrial control

### Recommended fuse blocks and holders:

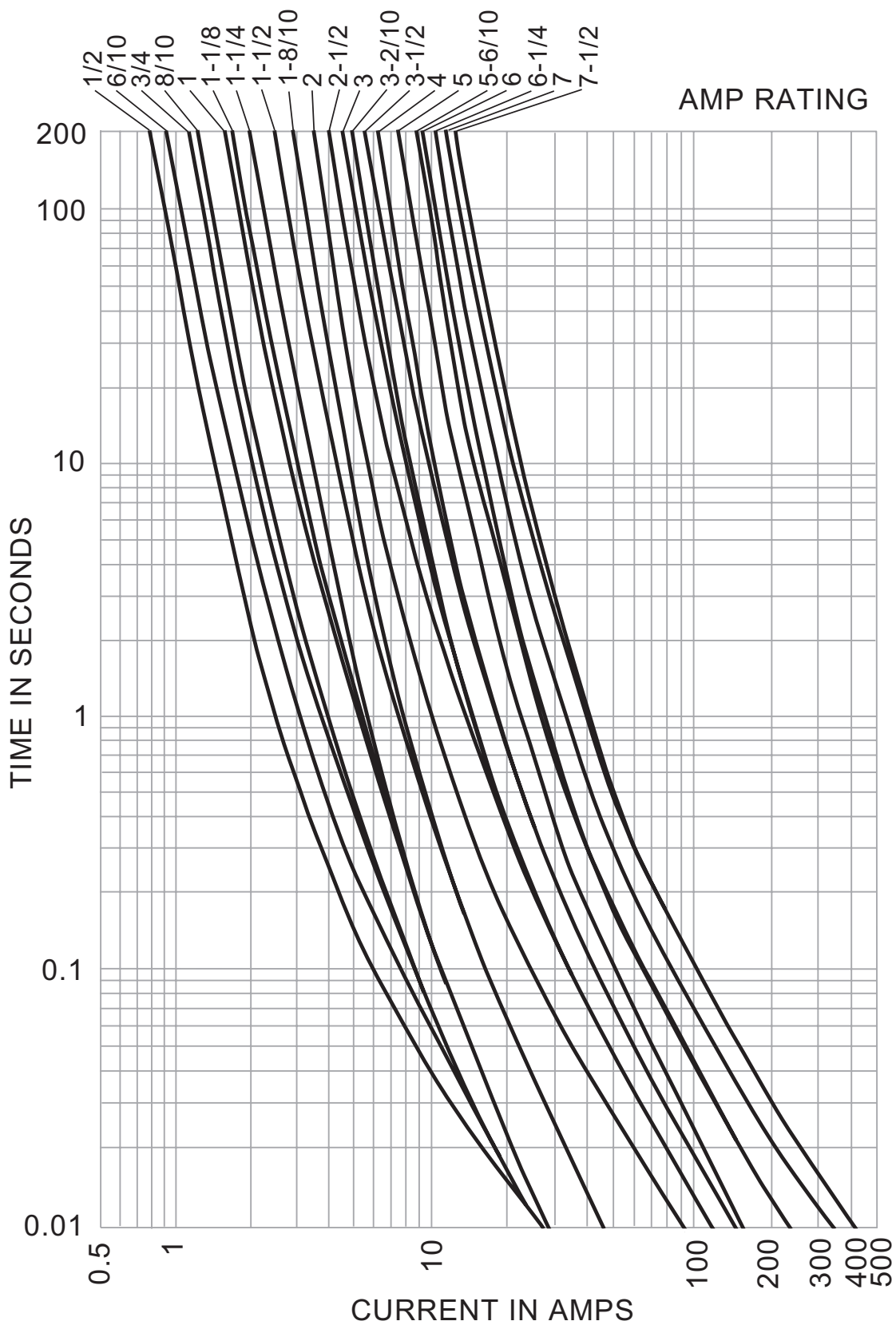
Fuse amps	1-Pole	2-Pole	3-Pole
Modular open blocks			
0-30	BCM603-1_	BCM603-2_	BCM603-3_
DIN-Rail holders			
	CHCC1D_	CHCC2D_	CHCC3D_
0-30	—	—	OPM-NG_
	—	—	OPM-1038_
	—	—	OPM-1038_SW
Panel mount holders			
0-30	HPS	—	—
	HPF	—	—
In-line holders			
0-30	—	HEY	—
	HEZ	—	—

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

- Modular open blocks # 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:**

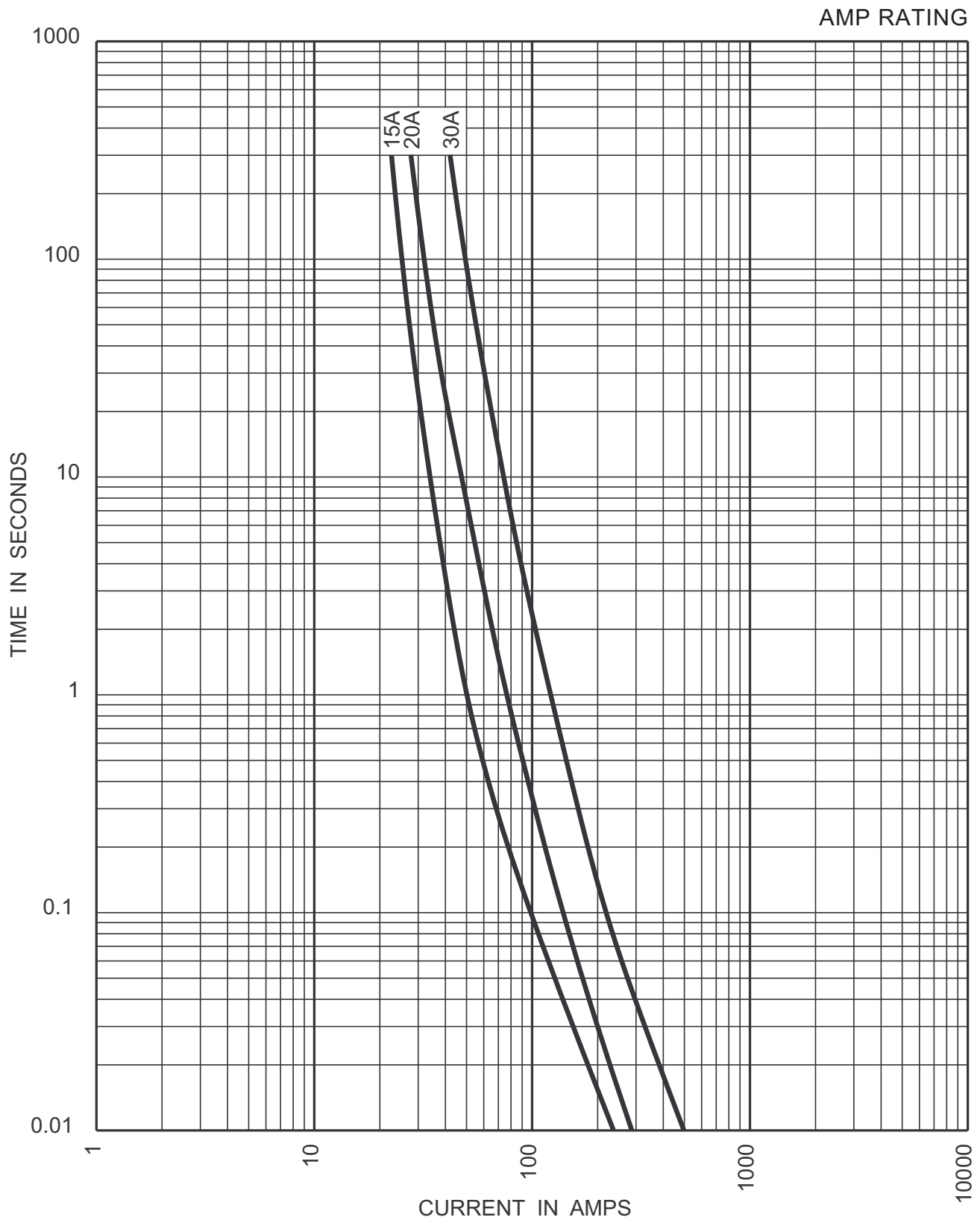
1/2 to 7 1/2 amps





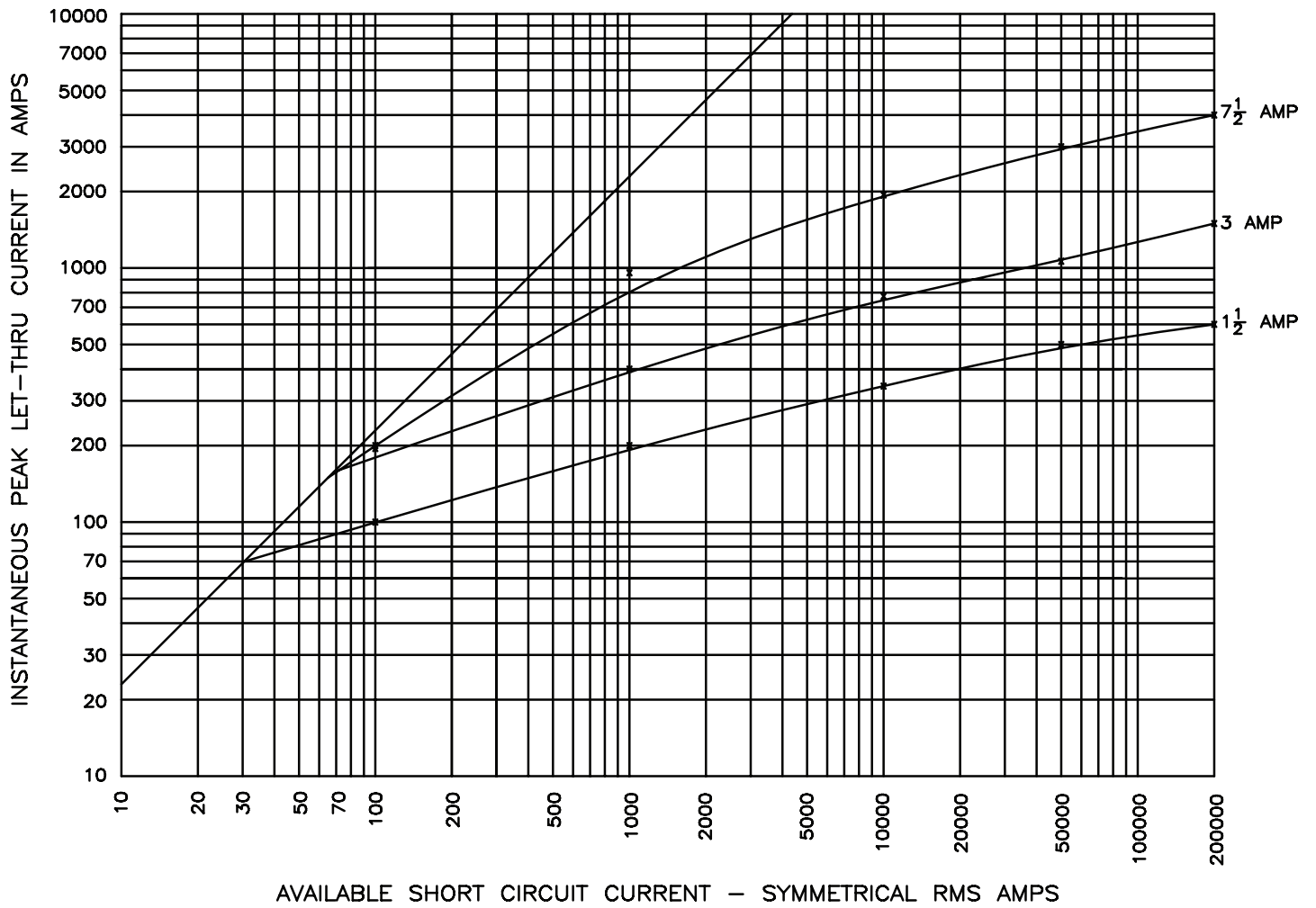
**Time-current curves - average melt:**

15 to 30 Amps



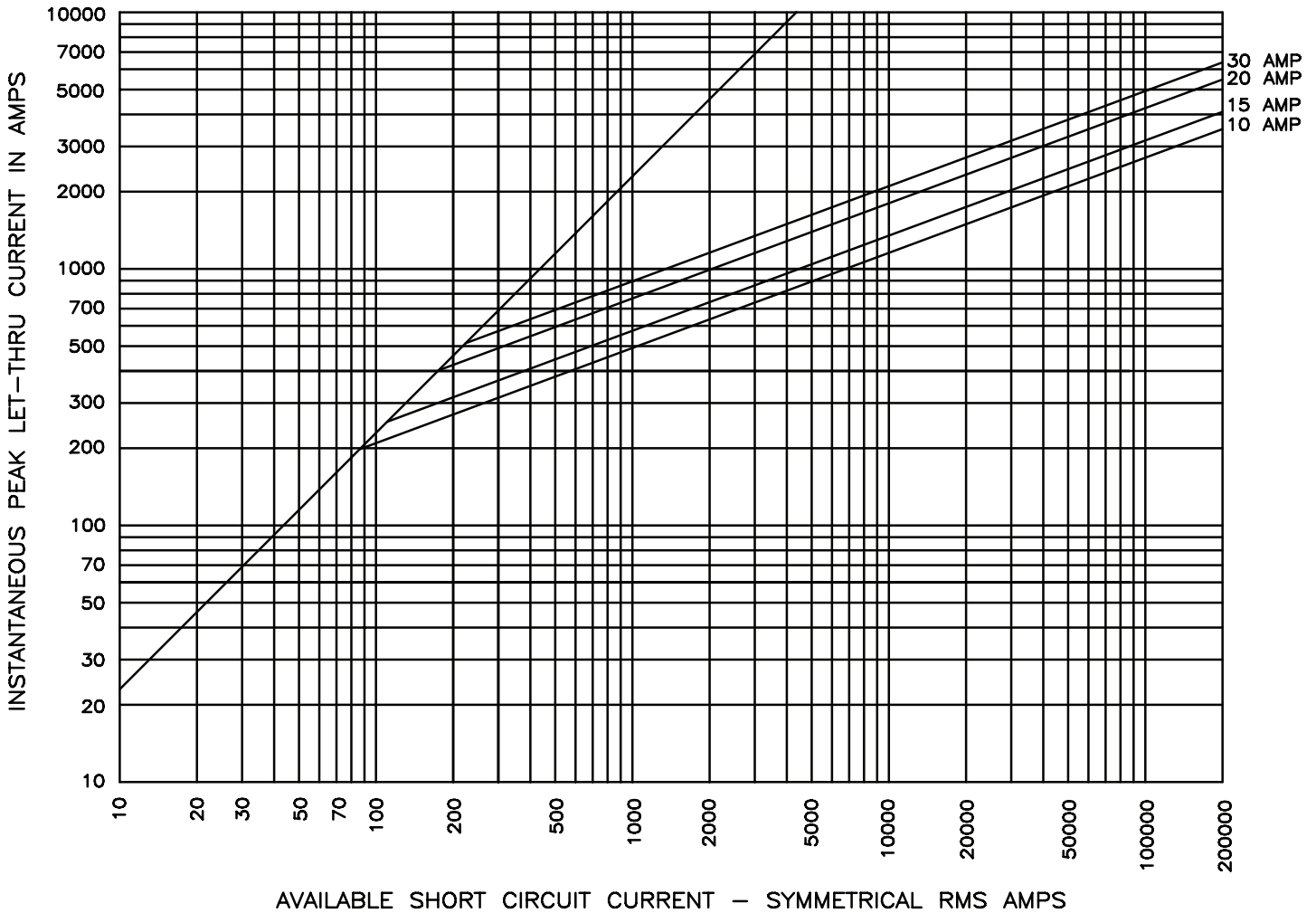
**Current-limitation curves:**

1-1/2 to 7-1/2 amps



**Current-limitation curves:**

10 to 30 amps



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 Printed in USA  
 Publication No. 1014 — BU-SB14042  
 August 2015

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