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

RoHS



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*

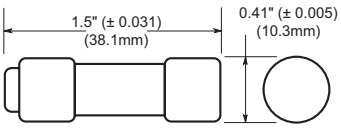
* FNQ-R-1/4 not RoHS complaint.

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.

Applications:

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

Recommended fuse blocks and holders:

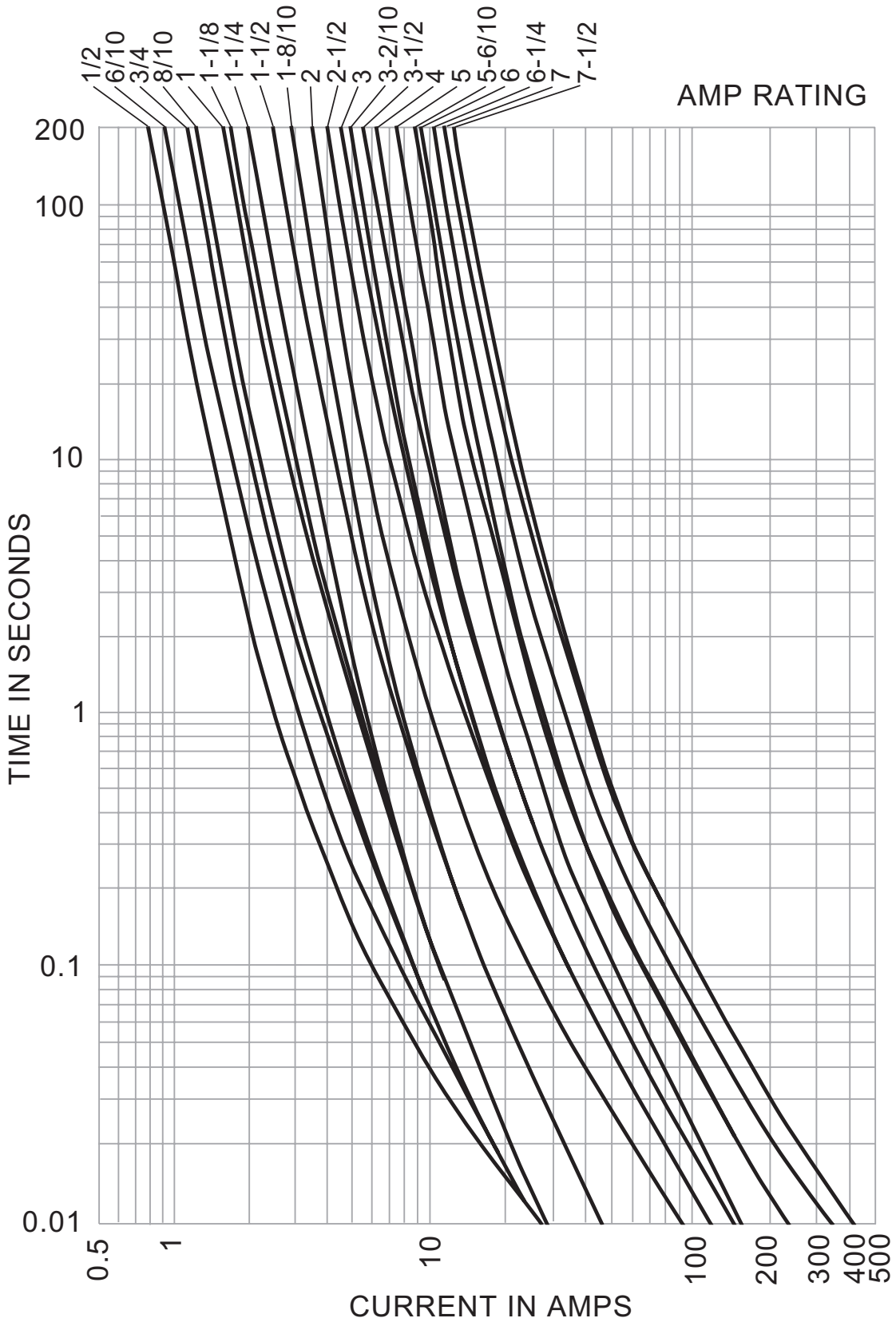
Fuse amps	1-Pole	2-Pole	3-Pole
Modular open blocks			
0-30	BCM603-1_	BCM603-2_	BCM603-3_
DIN-Rail holders			
	CHCC1D_	CHCC2D_	CHCC3D_
0-30	—	—	OPM-NG-_
	—	—	OPM-1038_
	—	—	OPM-1038_SW
Panel mount holders			
0-30	HPS	—	—
	HPF	—	—
In-line holders			
0-30	—	HEY	—
	HEZ	—	—

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)

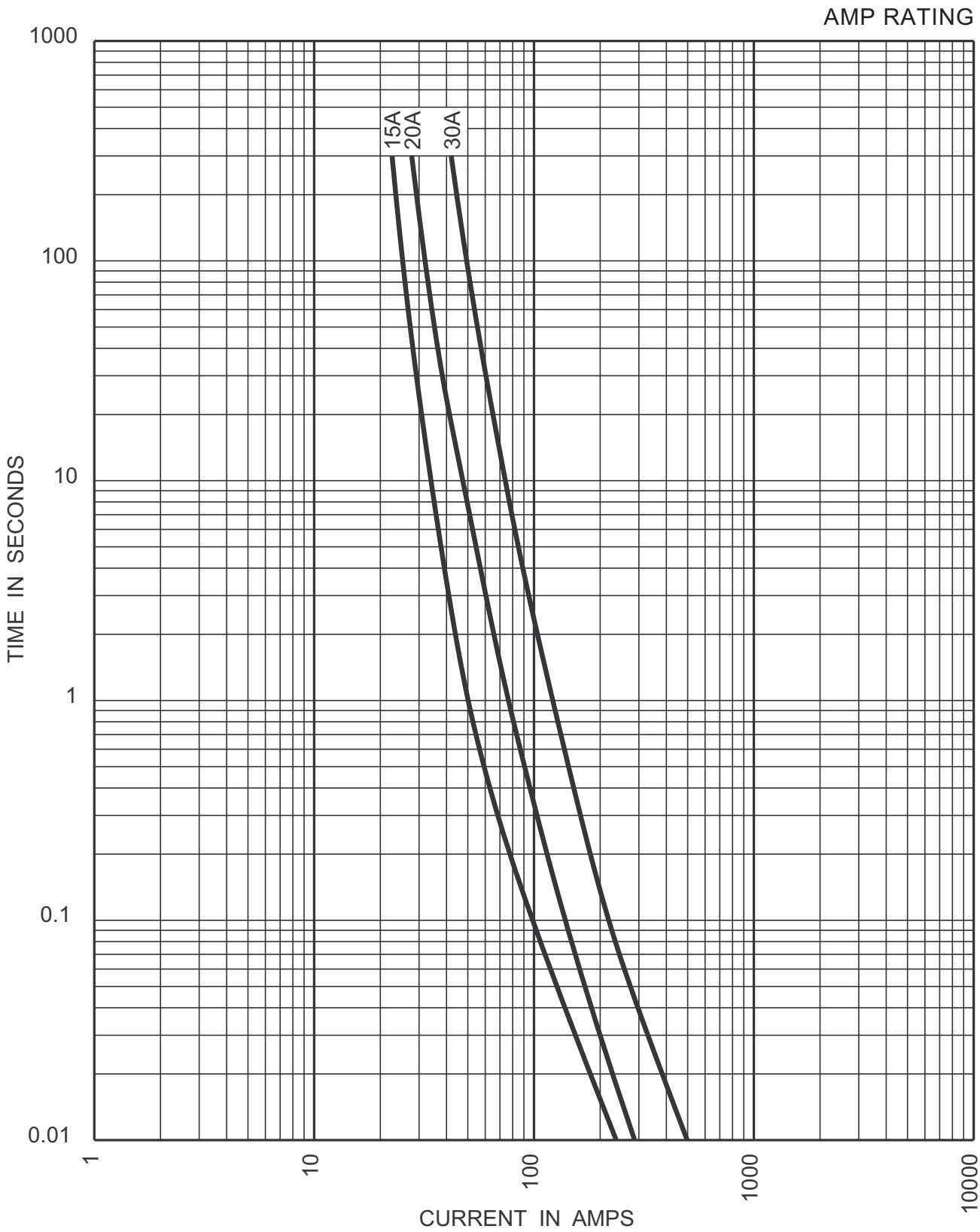
Time-current curves - average melt:

1⁄2 to 71⁄2 amps



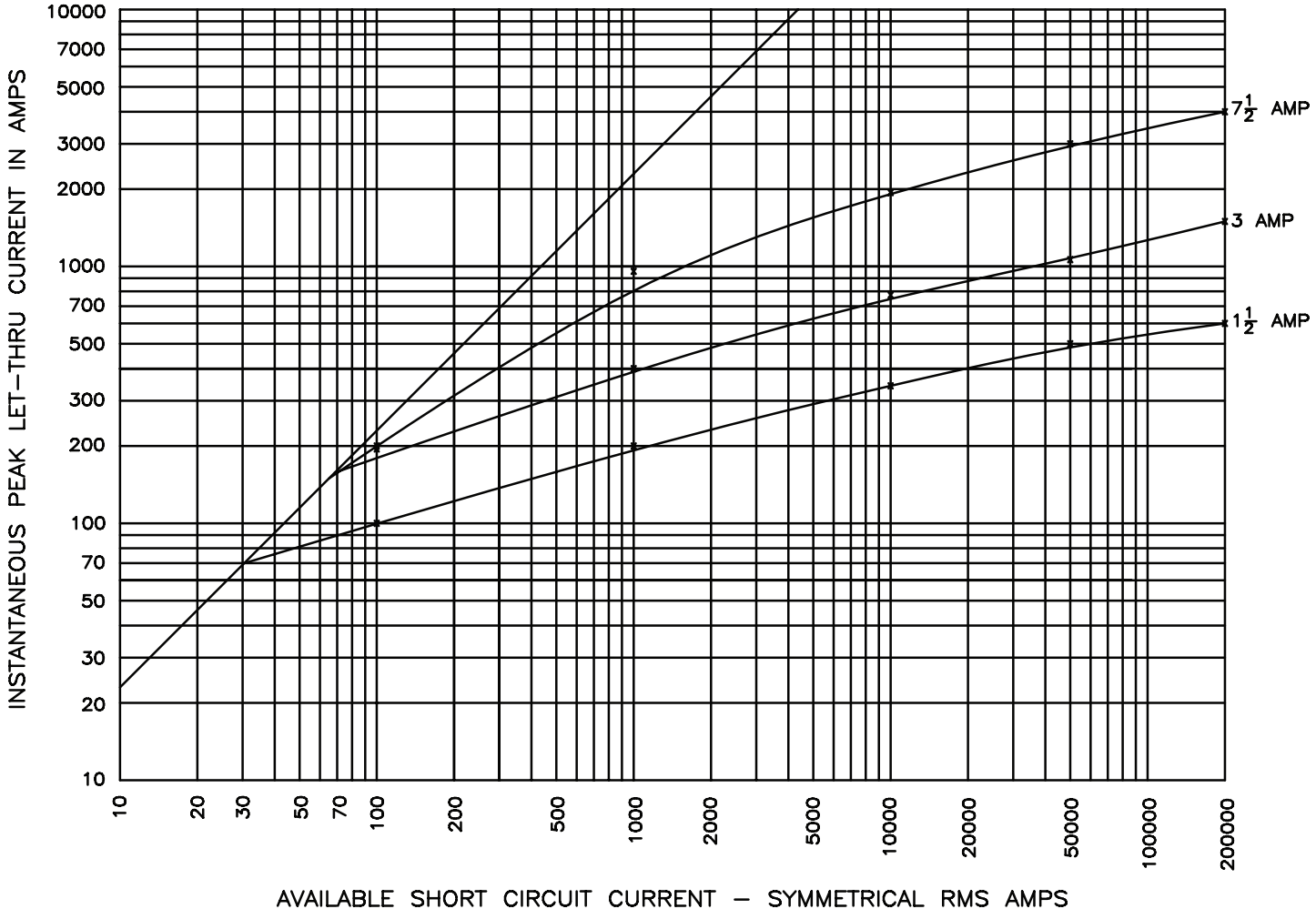
Time-current curves - average melt:

15 to 30 Amps



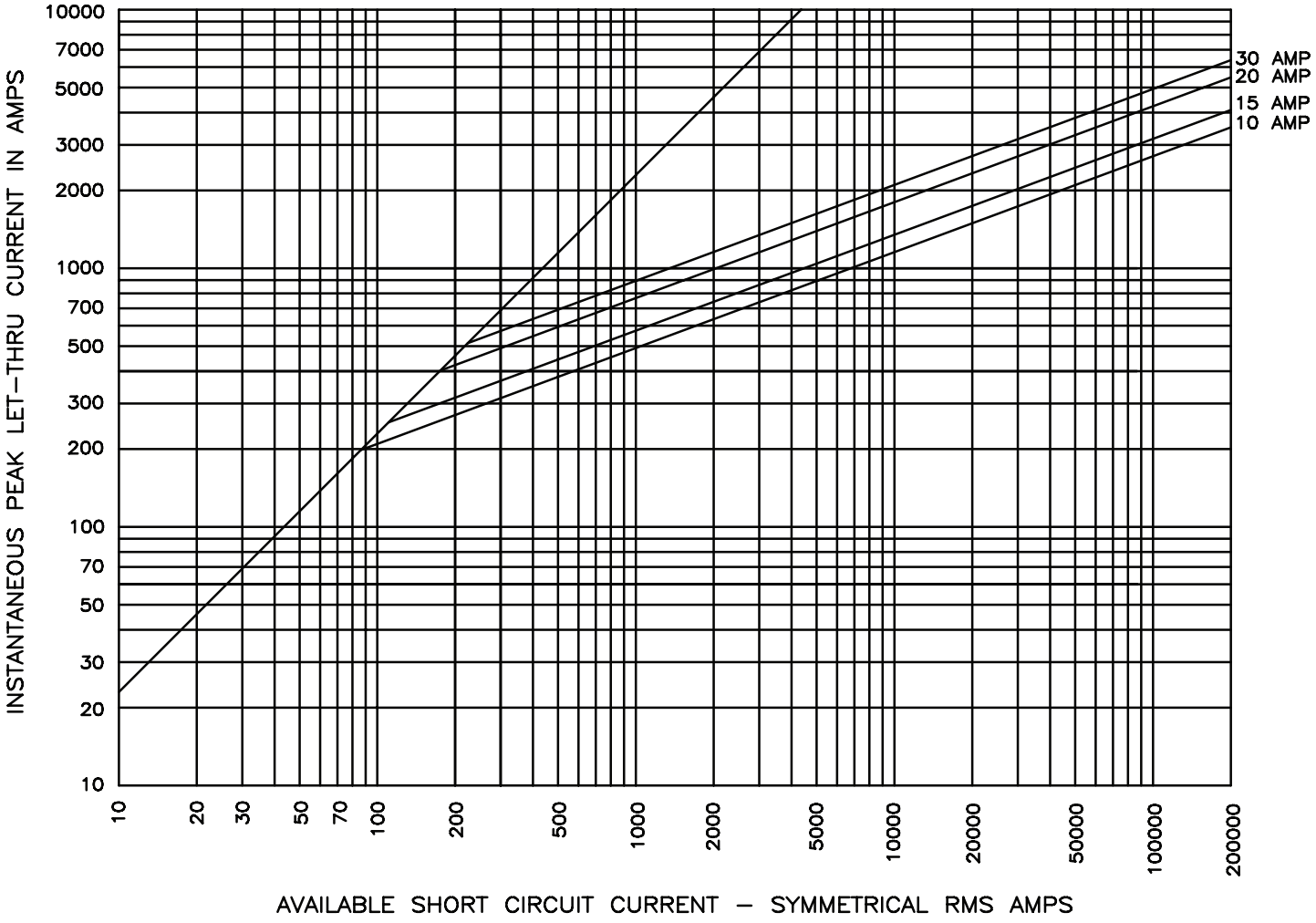
Current-limitation curves:

1-1⁄2 to 7-1⁄2 amps



Current-limitation curves:

10 to 30 amps



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Eaton:

FNQ-R-2 FNQ-R-3-1/2 FNQ-R-4/10 FNQ-R-1/4 FNQ-R-8 FNQ-R-1-8/10 FNQ-R-10 FNQ-R-7-1/2 FNQ-R-30 FNQ-R-20 FNQ-R-4 FNQ-R-6 FNQ-R-8/10 FNQ-R-1/2 FNQ-R-3/10 FNQ-R-6-1/4 FNQ-R-12 FNQ-R-2-1/2 FNQ-R-3 FNQ-R-1-1/8 FNQ-R-5 FNQ-R-1-3/10 FNQ-R-15 FNQ-R-1 BK/FNQ-R-1 BK/FNQ-R-1/2 FNQ-R-3-2/10-R1