

JJN (300 V) and JJS (600 V) Class T Limitron fast-acting fuses

Very fast-acting, current-limiting 300 V (JJN) and 600 V (JJS) Class T fuse. For dimensions, see page 1-4.

Ratings

- Volts
 - JJN
 - 300 Vac (or less)
 - 160 Vdc (15-600 A)
 - 170 Vdc (601-1200 A)
 - JJS 600 Vac (or less)
- Amps
 - JJN 1-1200 A
 - JJS 1-800 A
- IR
 - 200 kA RMS Sym.
 - 20 kA DC @ 160 Vdc (JJN)
 - 100 kA DC @ 170 Vdc (JJN)



Agency information

- UL Listed, Std 248-15, Class T, Guide JDDZ, File E4273, CSA Certified, Class 1422-02, File 53787, RoHS compliant, CE

Features

- Series combination ratings with branch circuit breakers allows broad range of coverage, independent of breaker manufacturer
- Current limitation for non-inductive circuits provides Class T current-limiting response to maximum ground fault and short-circuit conditions
- 200 kA interrupting rating provides protection for virtually all circuit locations
- Small footprint allows more efficient use of panel space

Current-limiting effects

300 V JJN

Prosp. S.C.C.	Let-through current (apparent RMS Sym. vs. fuse rating)									
—	15 A	30 A	60 A	100 A	200 A	400 A	600 A	800 A	1200 A	A
500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
5000	1000	1000	1000	1000	1000	2000	3000	5000	5000	5000
10,000	1000	1000	1000	1000	2000	2000	4000	6000	7000	9000
15,000	1000	1000	1000	1000	2000	3000	4000	6000	9000	10,000
20,000	1000	1000	1000	1000	2000	3000	5000	7000	10,000	11,000
25,000	1000	1000	1000	2000	2000	3000	5000	7000	10,000	12,000
30,000	1000	1000	1000	2000	2000	3000	5000	8000	11,000	13,000
35,000	1000	1000	1000	2000	3000	4000	6000	8000	11,000	13,000
40,000	1000	1000	1000	2000	3000	4000	6000	9000	11,000	13,000
50,000	1000	1000	1000	2000	3000	4000	7000	9000	12,000	15,000
60,000	1000	1000	1000	2000	3000	4000	7000	10,000	13,000	16,000
70,000	1000	1000	1000	2000	3000	5000	7000	10,000	14,000	17,000
80,000	1000	1000	2000	2000	3000	5000	8000	11,000	15,000	17,000
90,000	1000	1000	2000	2000	3000	6000	8000	11,000	15,000	18,000
100,000	1000	1000	2000	2000	4000	6000	8000	12,000	16,000	19,000
150,000	1000	1000	2000	3000	4000	6000	9000	13,000	17,000	22,000
200,000	2000	2000	3000	4000	7000	9000	15,000	19,000	23,000	

Typical applications

- Large apartment complexes
- Multi-family meter stacks
- VFD line protection

Catalog no. (amps)

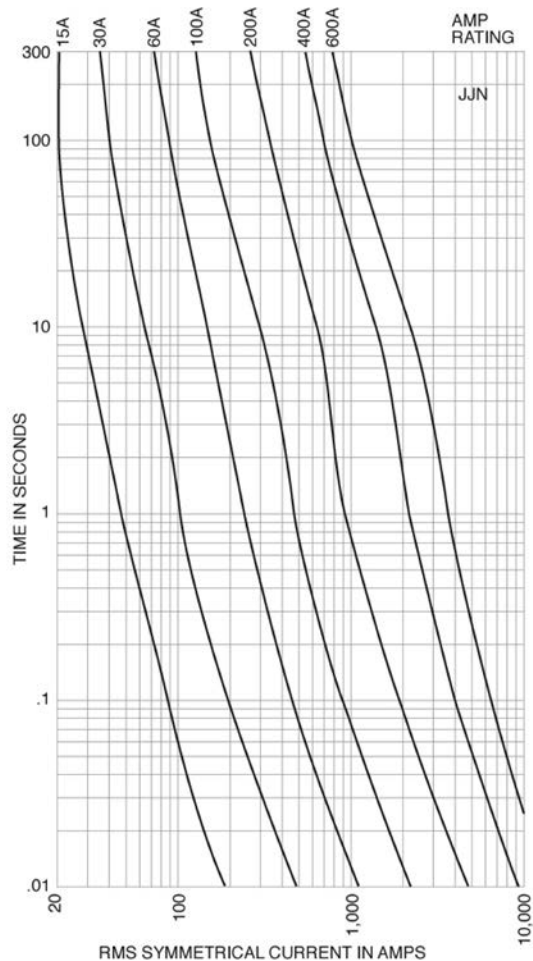
300 V JJN			
JJN-1	JJN-35	JJN-110	JJN-400
JJN-2	JJN-40	JJN-125	JJN-450
JJN-3	JJN-45	JJN-150	JJN-500
JJN-6	JJN-50	JJN-175	JJN-600
JJN-10	JJN-60	JJN-200	JJN-700
JJN-15	JJN-70	JJN-225	JJN-800
JJN-20	JJN-80	JJN-250	JJN-1000
JJN-25	JJN-90	JJN-300	JJN-1200
JJN-30	JJN-100	JJN-350	
600 V JJS			
JJS-1	JJS-30	JJS-90	JJS-250
JJS-2	JJS-35	JJS-100	JJS-300
JJS-3	JJS-40	JJS-110	JJS-350
JJS-6	JJS-45	JJS-125	JJS-400
JJS-10	JJS-50	JJS-150	JJS-450
JJS-15	JJS-60	JJS-175	JJS-500
JJS-20	JJS-70	JJS-200	JJS-600
JJS-25	JJS-80	JJS-225	JJS-800

Recommended blocks for Class T fuses, see page 1-2.

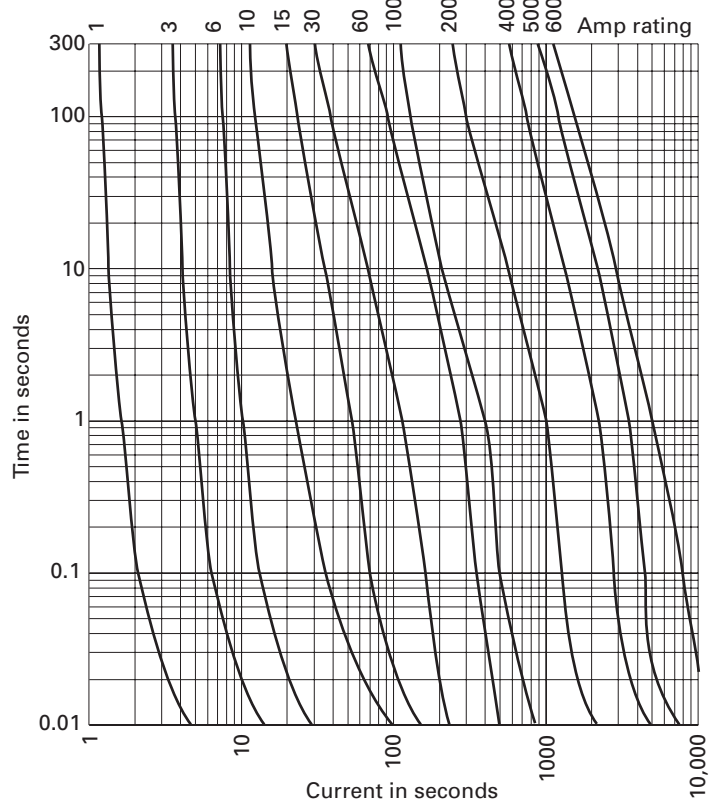
600 V JJS

Prosp. S.C.C.	Let-through current (apparent RMS Sym. vs. fuse rating)									
—	15A	30A	60A	100A	200A	400A	600A	800A		
500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
5000	1000	1000	1000	1000	2000	3000	4000	5000	5000	5000
10,000	1000	1000	1000	1000	2000	3000	6000	8000	9000	9000
15,000	1000	1000	1000	2000	3000	4000	7000	10,000	11,000	11,000
20,000	1000	1000	1000	2000	3000	4000	7000	10,000	12,000	12,000
25,000	1000	1000	1000	2000	3000	5000	7000	11,000	13,000	13,000
30,000	1000	1000	1000	2000	3000	5000	8000	12,000	14,000	14,000
35,000	1000	1000	1000	2000	3000	5000	9000	13,000	15,000	15,000
40,000	1000	1000	2000	2000	4000	5000	9000	13,000	15,000	15,000
50,000	1000	1000	2000	2000	4000	6000	10000	14,000	17,000	17,000
60,000	1000	1000	2000	3000	4000	6000	10000	16,000	18,000	18,000
70,000	1000	1000	2000	3000	4000	7000	11000	17,000	19,000	19,000
80,000	1000	1000	2000	3000	4000	7000	11000	17,000	20,000	20,000
90,000	1000	1000	2000	3000	4000	7000	12000	18,000	21,000	21,000
100,000	2000	2000	3000	5000	7000	12,000	19,000	22,000	22,000	22,000
150,000	2000	3000	4000	6000	8000	14,000	22,000	25,000	25,000	25,000
200,000	2000	3000	4000	6000	9000	16,000	24,000	28,000	28,000	28,000

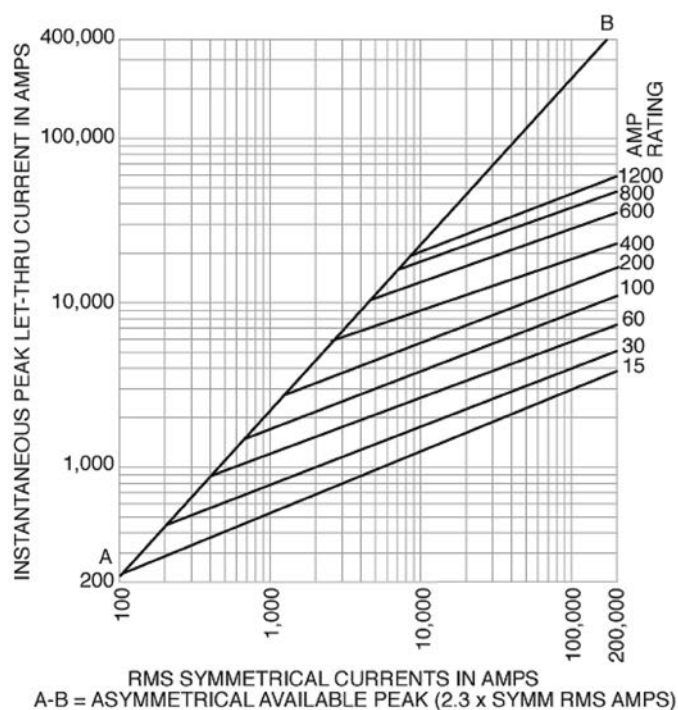
JJN Time-current characteristics — average melt



JJS Time-current characteristics — average melt



JJN Current limitation curves



JJS Current limitation curves

