

Catalog Number JDL (1 - 600A) 600 Volts AC or Less

AMPERE RATINGS					
JDL 600V					
1	4	12	40	100	250
1.25	5	15	45	110	300
1.6	5.6	17.5	50	125	350
2	6	20	60	150	400
2.5	7	25	70	175	450
3	8	30	80	200	500
3.5	10	35	90	225	600

EDISON JDL Class J fuses are among the most current limiting time-delay fuses available. Their small physical size and high performance characteristics makes Class J fuses ideal for any space - limited application.

JDL SPECIFICATIONS

Dual-Element, Time-Delay

Voltage Rating: JDL - 600VAC

Ampere Rating: 1 - 600 Amps

Interrupting Rating: 200,000 RMS Symmetrical Amps
300,000 RMS Symmetrical Amps
Self-Certified

Current Limiting: Class J Fuse

Agency Approvals:

UL Listed, Class J, Guide JDDZ, File E162363
CSA Certified HRCI-J per C22.2, No. 248.8

Self-Certified DC Ratings:

Voltage Rating: JDL (1-600) 300VDC
Interrupting Rating: JDL 20,000 Amperes DC

BENEFITS:

- Space saving dimensions vs Class R.
- Dual-Element construction provides superior time-delay to pass harmless motor or transformer surges.
- High performance with fatigue - free cycling capabilities.
- Extremely current limiting.

APPLICATIONS:

- Recommended for Type 2 (no damage) protection of IEC style motor starters and contactors.
- Use to protect lower interrupting rating circuit breakers.
- All general purpose circuits with inductive (high inrush) loads, including motor and motor branch circuits, and transformer circuits. Also suitable for lighting loads.

RECOMMENDED FUSEBLOCKS:

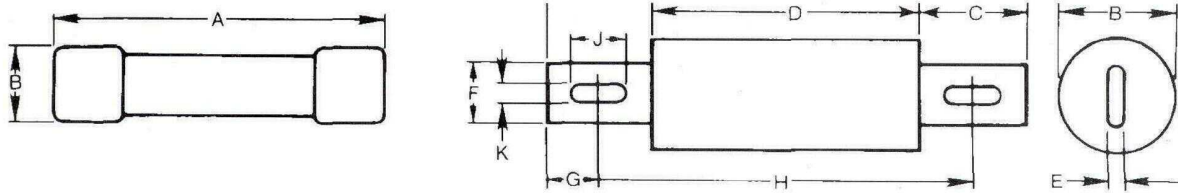
Refer to page 137 in this catalog.

RECOMMENDED UPGRADE:

None.

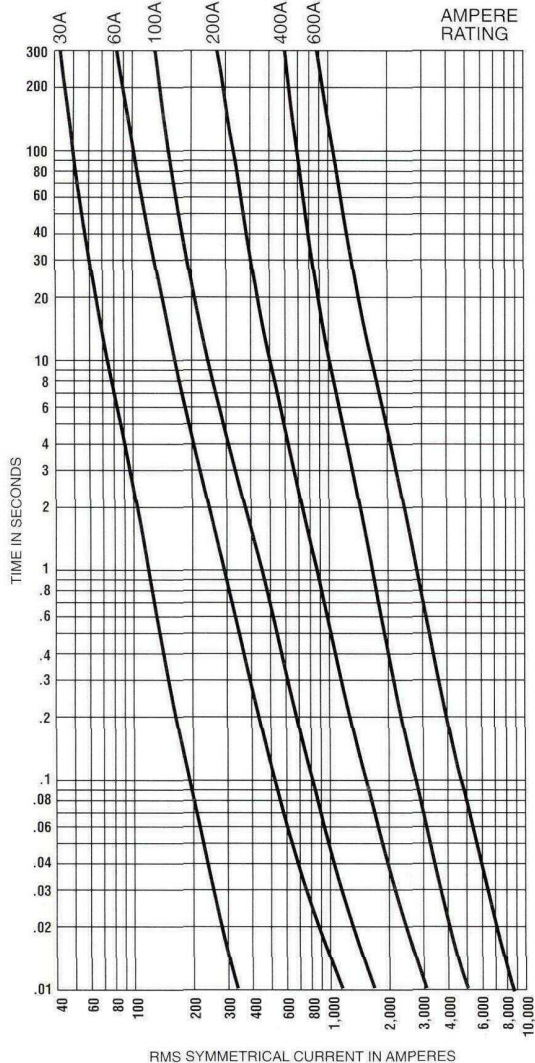
CROSS REFERENCE			
EDISON	BUSSMANN	GOULD	LITTELFUSE
JDL	LPJ	AJT	JTD

DIMENSIONS Cat No. JFL and JDL, Class J



Ampere Rating Range	Overall Length A	Max. Dia. B	Blade Length C	Barrel Length D	Blade Thickness E	Blade Width F	Mounting Hole Spacing			
							G	H	J	K
1-30	2-1/4	13/16	-	-	-	-	-	-	-	-
35-60	2-3/8	1-1/16	-	-	-	-	-	-	-	-
70-100	4-5/8	1-1/18	1	2-5/8	1/8	3/4	1/2	3-5/18	3/8	9/32
110-200	5-3/4	1-5/8	1-3/8	3	3/16	1-1/8	11/16	4-3/8	3/8	9/32
225-400	7-1/8	2-1/8	1-7/8	3-3/8	1/4	1-5/8	15/16	5-1/4	17/32	13/32
450-600	8	2-5/8	2-1/8	3-3/4	3/8	2	1	6	11/16	17/32

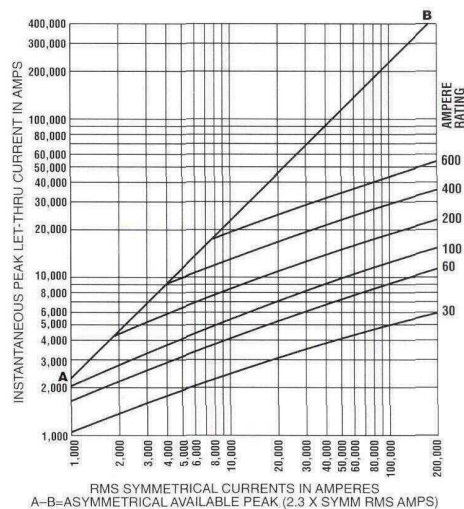
AVERAGE TIME/CURRENT CURVE Cat. No. JFL (Amp) 600V



CURRENT LIMITATION TABLE** JFL (600V)

Prop. Short C.C.	Fuse Size											
	30		60		100		200		400		600	
	I _{RMS}	I _p	I _{RMS}	I _p	I _{RMS}	I _p	I _{RMS}	I _p	I _{RMS}	I _p	I _{RMS}	I _p
5,000	1	2	1	3	2	4	3	7	4	10	5	12
10,000	1	3	2	4	3	6	4	9	6	13	9	19
15,000	1	3	2	4	3	6	4	10	7	15	10	22
20,000	1	3	2	5	3	7	5	12	8	18	11	25
25,000	2	4	3	6	3	8	6	13	9	19	12	28
30,000	2	4	3	6	3	8	6	13	9	20	13	30
35,000	2	4	3	7	4	9	6	14	9	21	13	30
40,000	2	4	3	7	4	9	7	15	10	22	14	32
50,000	2	5	3	8	4	10	7	16	10	23	15	35
60,000	2	5	3	8	5	11	7	17	11	25	16	37
70,000	2	5	3	8	5	12	8	18	11	25	17	39
80,000	2	5	3	8	5	12	8	18	12	28	17	39
90,000	2	5	4	9	6	13	9	19	13	29	18	41
100,000	2	5	4	9	6	13	9	19	13	30	18	42
150,000	2	5	5	11	6	14	9	21	14	33	22	50
200,000	3	6	5	12	7	15	10	22	16	37	24	55

PEAK LET-THROUGH CURRENT CURVES* JFL (600V)



* Curves test data obtained at 15% short-circuit power factor when possible.

** "Apparent Let-Thru Amperes" values are read from "Peak Let-Through Current Curves" and the peak current value divided by 2.3 Asymmetry Factor.