

Low-Peak®

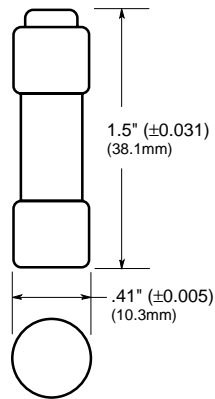
LP-CC

Time-Delay Fuses

Class CC — 600 Volt, 1/2-30 Amps



Dimensional Data



CATALOG SYMBOL: LP-CC
 TIME-DELAY, CURRENT LIMITING
 1/2-30 AMPS
 AC VOLT RATING: 600 VOLTS (OR LESS)
 INTERRUPTING RATING—200,000A RMS SYM.
 AGENCY APPROVALS:
 U.L. LISTED - STD. 248-4, CLASS CC
 (GUIDE #JDDZ, FILE #E4273)
 C.S.A. CERTIFIED, C22.2 NO. 248.4,
 (CLASS #1422-02, FILE #53787)
 DC VOLT RATING 300 VOLT DC (OR LESS)
 1/2-2-1/4A AND 20-30A
 20,000 A.I.R., U.L. 198L
 150V DC OR LESS 3-15A
 20,000 A.I.R., U.L. 198L

LP-CC LOW-PEAK YELLOW™ FUSE

- A superior all-purpose, space-saving branch circuit fuse that meets most protection requirements up to 30 amps.
- Very compact; physical size is only 13/32" x 1-1/2" (10.3mm x 38.1mm) with rejection tip.
- The unique yellow color makes it easy to tell that the correct fuse type is installed.
- Faster response to damaging short-circuit currents and higher interrupting rating than mechanical overcurrent protective devices.

200,000 AMPERE INTERRUPTING RATING

- Maximum interrupting rating for available fault current in today's large capacity systems.
- Helps ensure that future growth will not obsolete the system.

DUAL CHARACTERISTICS

- Time delay to avoid unwanted fuse openings from surge currents.
- Fast speed of response under short-circuit conditions for a high degree of current limitation.
- ADVANTAGE: The LOW-PEAK® fuse can be sized close to full load ratings for maximum overload and short-circuit protection.
- ADVANTAGE: Can be used where either a time-delay or a fast-acting fuse is needed, making selection easier and reducing spare fuse inventories for substantial cost reduction.

SUPERIOR MOTOR PROTECTION

- For protection of small horsepower motor circuits.
- Proper sizing can provide Type "2" coordinated protection for NEMA and IEC motor controllers.
- Motors receive maximum protection against burnout from overloads and single phasing.

Catalog Numbers

LP-CC-1/2	LP-CC-1-1/2	LP-CC-3	LP-CC-6	LP-CC-12
LP-CC-6/10	LP-CC-1-6/10	LP-CC-3-2/10	LP-CC-6-1/4	LP-CC-15
LP-CC-8/10	LP-CC-1-8/10	LP-CC-3-1/2	LP-CC-7	LP-CC-20
LP-CC-1	LP-CC-2	LP-CC-4	LP-CC-7-1/2	LP-CC-25
LP-CC-1-1/8	LP-CC-2-1/4	LP-CC-4-1/2	LP-CC-8	LP-CC-30
LP-CC-1-1/4	LP-CC-2-1/2	LP-CC-5	LP-CC-9	—
LP-CC-1-4/10	LP-CC-2-8/10	LP-CC-5-6/10	LP-CC-10	—

Carton Quantity and Weight

Ampere Ratings	Carton Qty	Weight*	
		Lbs.	Kg.
0-30	10	.193	.088

*Weight per carton.

Fuseblock Catalog Numbers

No. of Poles	Screw Terminal	Pressure Plate	Box Terminal	Screw Quick-Connect	Pressure Quick-Connect
1	BC6031S	BC6031P	BC6031B	BC6031SQ	BC6031PQ
2	BC6032S	BC6032P	BC6032B	BC6032SQ	BC6032PQ
3	BC6033S	BC6033P	BC6033B	BC6033SQ	BC6033PQ

Current-Limiting Effects

Prospective Short-Circuit Current	*Let-Through Current (Apparent RMS Symmetrical)					
	1-1/4A	2-8/10A	15A	20A	25A	30A
1,000	100	135	240	305	380	435
3,000	140	210	350	440	575	580
5,000	165	255	420	570	690	710
10,000	210	340	540	700	870	1,000
20,000	260	435	680	870	1,090	1,305
30,000	290	525	800	1,030	1,300	1,520
40,000	315	610	870	1,150	1,390	1,700
50,000	340	650	915	1,215	1,520	1,820
60,000	350	735	1,050	1,300	1,650	1,980
80,000	390	785	1,130	1,500	1,780	2,180
100,000	420	830	1,210	1,600	2,000	2,400
200,000	525	1,100	1,600	2,000	2,520	3,050

*RMS Symmetrical Amperes Short-Circuit

NOTE: To calculate I_p (I_{peak}) multiply I_{RMS} value x 2.3.

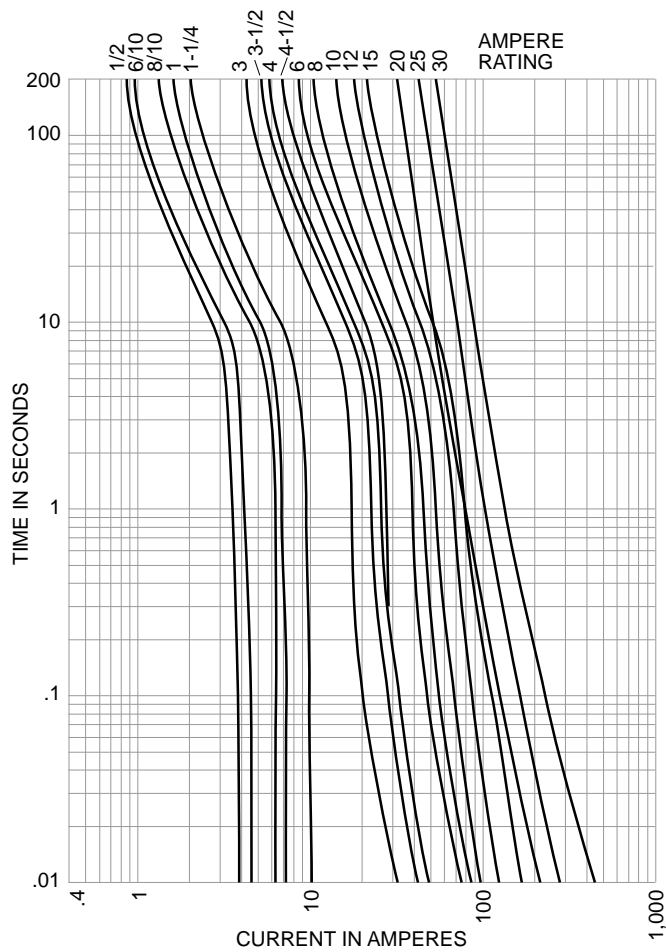
CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 314-527-1270 for more information.

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