



**EDCC TIME-DELAY  
CLASS CC FUSES**



**Catalog Number EDCC (.5 - 30A) 600 Volts AC or Less**

AMPERE RATINGS					
EDCC 600V					
0.5	1.6	1.5	3.2	6	10
0.6	1.8	1.5	3.5	6.25	12
0.8	2	1.5	4	7	15
1	2.25	1.5	4.5	7.5	20
1.125	2.5	1.5	5	8	25
1.25	2.8	1.5	5.6	9	30
1.4	3	—	—	—	—

DIMENSIONS		
Amps	Ferrule (in)	Length (in)
.5 - 30	13/32	1-1/2

EDISON EDCC Class CC fuses are extremely current-limiting fuses in a compact size. They are the only midjet dimensioned fuses recognized by the NEC for branch circuit protection when installed in Class CC fuseholders.

EDCC fuses are designed specifically for the protection of small horsepower motor circuits.

Recommended sizing for most applications is 200% FLA. Refer to time-current curves for specific applications.

**EDCC SPECIFICATIONS**

Time-Delay

**Voltage Rating:** EDCC - 600VAC

**Ampere Rating:** .5 - 30 Amps

**Interrupting Rating:** 200,000 RMS Symmetrical Amps

**Current Limiting:** Class CC Fuse

**Agency Approvals:**

UL Listed, Class CC, Guide JDDZ, File E162363  
CSA Certified HRCI-MISC per C22.2, No. 248.4

**UL Listed DC Rating (per 198L):**

**Voltage Rating:** EDCC (.5-2.25A, 20-30A) 300VDC  
**Interrupting Rating:** 20,000 Amperes DC

**BENEFITS:**

- Branch circuit rated for 600VAC.
- Time-delay for motor branch circuit protection.
- Excellent current-limiting performance.
- Upgrade for standard "midjet" fuses.

**APPLICATIONS:**

- Use for protection of small horsepower motor circuits or other circuits requiring small dimension, time-delay fuses.
- Can provide Type "2" coordinated protection for IEC or NEMA starters/contactors.
- For control transformer applications, refer to HCTR.

**RECOMMENDED FUSEBLOCKS:**

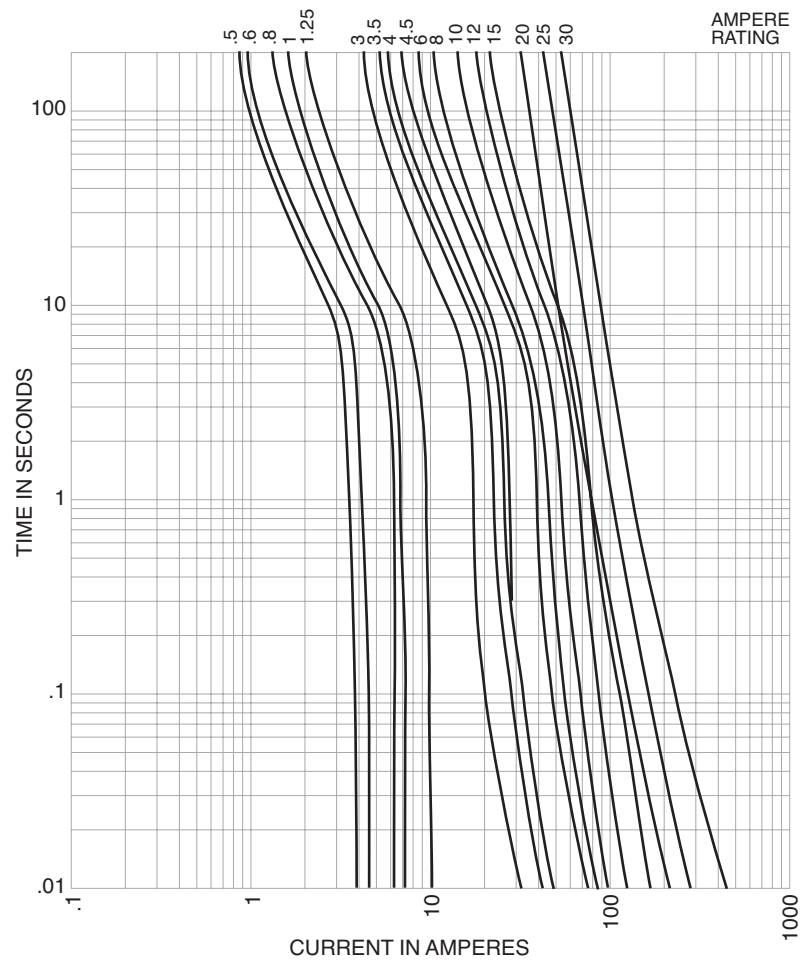
Refer to page 141 in this catalog.

**RECOMMENDED UPGRADE:**

None Available.

CROSS REFERENCE			
EDISON	BUSSMANN	GOULD	LITTELFUSE
EDCC	LP-CC	ATDR	CCMR

**TIME CURRENT CHARACTERISTICS CURVE  
Average Melt EDCC (600V) Fuses**



**Current-Limiting Effects EDCC (600V) Fuse Rating**

*Prospective Short-Circuit Current	Let-Thru Current (Apparent RMS Symmetrical) Versus Fuse Ratings					
	1.25A	2.8A	15A	20A	25A	30A
1000	100	135	240	305	380	435
3000	140	210	350	440	575	580
5000	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 Current.  
**NOTE:** To calculate  $I_p$  ( $I_{peak}$ ) multiply  $I_{RMS}$  value x 2.3.