

Multi 9™ System Catalog
Section 2—UL and CSA Rated Protection Devices

Catalog Numbers

Table 5: Catalog Numbers for C Curve, UL 489/CSA C22.2 No.5 Listed 240 Vac C60 Miniature Circuit Breakers (Box Lug and Ring Tongue Terminal Combinations)

Rating	1P		2P		3P	
	Box/Box	Ring/Ring ¹	Box/Box	Ring/Ring ¹	Box/Box	Ring/Ring ¹
0.5 A	60100	60200	60134	60234	—	—
1 A	60101	60201	60135	60235	60168	60268
1.5 A	60102	60202	60136	60236	60169	60269
2 A	60103	60203	60137	60237	60170	60270
3 A	60104	60204	60138	60238	60171	60271
4 A	60105	60205	60139	60239	60172	60272
5 A	60106	60206	60140	60240	60173	60273
6 A	60107	60207	60141	60241	60174	60274
7 A	60108	60208	60142	60242	60175	60275
8 A	60109	60209	60143	60243	60176	60276
10 A	60110	60210	60144	60244	60177	60277
13 A	60111	60211	60145	60245	60178	60278
15 A	60112	60212	60146	60246	60179	60279
20 A	60113	60213	60147	60247	60180	60280
25 A	60114	60214	60148	60248	60181	60281
30 A	60115	60215	60149	60249	60182	60282
35 A	60116	60216	60150	60250	60183	60283

¹ IP-20 Fingersafe ring tongue terminals may be ordered with an F suffix (example: 60210F).

Table 6: Catalog Numbers for D Curve, UL 489/CSA C22.2 No.5 Listed 240 Vac C60 Miniature Circuit Breakers (Line/Load as Box Lug or Ring Tongue Terminals)

Rating	1P		2P		3P	
	Box/Box	Ring/Ring ¹	Box/Box	Ring/Ring ¹	Box/Box	Ring/Ring ¹
0.5 A	60117	60217	60151	60251	—	—
1 A	60118	60218	60152	60252	60184	60284
1.5 A	60119	60219	60153	60253	60185	60285
2 A	60120	60220	60154	60254	60186	60286
3 A	60121	60221	60155	60255	60187	60287
4 A	60122	60222	60156	60256	60188	60288
5 A	60123	60223	60157	60257	60189	60289
6 A	60124	60224	60158	60258	60190	60290
7 A	60125	60225	60159	60259	60191	60291
8 A	60126	60226	60160	60260	60192	60292
10 A	60127	60227	60161	60261	60193	60293
13 A	60128	60228	60162	60262	60194	60294
15 A	60129	60229	60163	60263	60195	60295
20 A	60130	60230	60164	60264	60196	60296
25 A	60131	60231	60165	60265	60197	60297
30 A	60132	60232	60166	60266	60198	60298
35 A	60133	60233	60167	60267	60199	60299

¹ IP-20 Fingersafe ring tongue terminals may be ordered with an F suffix (example: 60210F).

NOTE: UL 489/CSA C22.2 No.5 Listed Multi 9 circuit breakers are calibrated at 25°C (77°F). Please refer to the rating tables (page 81) for applications at temperatures greater than 25°C (77°F).

NOTE: The NEC requires that the continuous load applied to the circuit breaker shall not exceed 80% of the circuit breaker ampere rating.

UL 489/CSA C22.2 No. 5 Listed C60 Circuit Breakers (DC)

Overview

A portion of the range of UL 489/CSA C22.2 No.5 circuit breakers are also Listed by UL for use with dc circuits. The specifications are the same as the UL 489/CSA C22.2 No.5 circuit breakers, with the following exceptions:

- Number of poles: 1 and 2
- Time/current curve: C curve
- Magnetic setting of C curve: between 7 and 14 times ampere rating
- DC voltage (nominal): 1 pole—60 Vdc, 2 pole—125 Vdc
- Connection: box lug, ring/ring only (same torque)

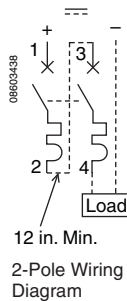


Table 9: Specifications for UL 489/CSA C22.2 No.5 C60 DC Circuit Breakers

Ratings per UL Standards		UL 489/CSA C22.2 No.5 C60 (DC)	
Number of Poles		1	2
Rated Current (A) at 77°F (25°C)		60 Vdc	
Interrupting Ratings per UL 489/CSA C22.2 No.5 (kA)	60 Vdc	10	—
	125 Vdc	—	10
Service Breaking Capacity (Ics) (%Icu)		75%	75%
Magnetic Setting (Times Ampere Rating)	B curve	—	—
	C Curve	7 to 14	7 to 14
	D Curve	—	—
Dimensions	Width	0.71 in. (18 mm)	1.42 in. (36 mm)
	Height (Box/Box)	4.21 in. (107 mm)	4.21 in. (107 mm)
	Depth	3.00 in. (76 mm)	—
Weight (Max.)		4.4 oz. (136 g)	8.7 oz. (271 g)

Catalog Numbers

Table 10: Catalog Numbers for UL 489/CSA C22.2 No.5 C60 Listed Miniature Circuit Breakers (DC)¹



Rating	C Curve				Rating	C Curve			
	1P, Box/Box	Ring/Ring	2P, Box/Box	Ring/Ring		1P, Box/Box	Ring/Ring	2P, Box/Box	Ring/Ring
0.5 A	60100	60200	60134	60234	10 A	60110	60210	60144	60244
1 A	60101	60201	60135	60235	13 A	60111	60211	60145	60245
1.5 A	60102	60202	60136	60236	15 A	60112	60212	60146	60246
2 A	60103	60203	60137	60237	20 A	60113	60213	60147	60247
3 A	60104	60204	60138	60238	25 A	60114	60214	60148	60248
4 A	60105	60205	60139	60239	30 A	60115	60215	60149	60249
5 A	60106	60206	60140	60240	35 A	60116	60216	60150	60250
6 A	60107	60207	60141	60241	40 A	—	—	—	—
7 A	60108	60208	60142	60242	50 A	—	—	—	—
8 A	60109	60209	60143	60243	63 A	—	—	—	—

¹ The dc catalog numbers are the same as the UL 489/CSA C22.2 No.5 ac equivalents.