

## Multi 9™ C60N UL 1077 Supplementary Protectors and UL 489A Circuit Breakers for DC Telecommunications Class 860

### Multi 9 C60N UL 1077 Recognized Supplementary Protectors

- Intended for use within equipment where branch circuit protection is already provided or not needed
- Range from 0.5 to 63 A
- 10k AIR @ 120/240 Vac; 5k AIR at 480Y/277
- 10K AIR @ 60 Vdc (1P) and 125 Vdc (2P)
- Suitable for reverse feeding
- DIN mounting for easy installation
- Trip-free mechanism
- Positive indication of contact disconnect
- Three trip curves:
  - B curve for sensitive equipment; magnetic operates between 3.2 and 4.8 times ampere rating
  - C curve for typical loads; magnetic release operates between 7 and 10 (7 to 14 for DC)
  - D curve for high inrush; between 10 and 14 times



**1-pole  
UL 1077 C60N**



**2-pole  
UL 1077 C60N**



**3-pole  
UL 1077 C60N**



**4-pole  
UL 1077 C60N**

Accessories . . . . . page 6-18, 6-19  
Dimensions . . . . . page 6-49

### UL 1077 Supplementary Protectors and UL 489A (Only 1P C Curve)

Rating (A)	1P	Price	2P	Price	3P	Price	4P	Price
<b>B Curve—Magnetic Setting Between 3.2 and 4.8 Times Ampere Rating</b>								
1	MG24110	\$67.	MG24125	\$145.	MG24140	\$210.	MG24155	\$277.
1.2	MG17402	67.	MG17432	145.				
1.5	MG17403	67.	MG17433	145.				
2	MG24111	67.	MG24126	145.	MG24141	210.	MG24156	277.
3	MG24112	67.	MG24127	145.	MG24142	210.	MG24157	277.
4	MG24113	67.	MG24128	145.	MG24143	210.	MG24158	277.
5	MG17404	67.	MG17434	145.				
6	MG24114	67.	MG24129	145.	MG24144	210.	MG24159	277.
7	MG17405	67.	MG17435	145.				
8	MG24115	67.	MG24130	145.	MG24145	210.	MG24160	277.
10	MG24116	67.	MG24131	145.	MG24146	210.	MG24161	277.
13	MG24117	67.	MG24132	145.	MG24147	210.	MG24162	277.
15	MG17406	67.	MG17436	145.	MG17461	210.		
16	MG24118	67.	MG24133	145.	MG24148	210.	MG24163	277.
20	MG24119	67.	MG24134	145.	MG24149	210.	MG24164	277.
25	MG24120	67.	MG24135	145.	MG24150	210.	MG24165	277.
30	MG17407	67.	MG17437	145.	MG17462	210.		
32	MG24121	67.	MG24136	145.	MG24151	210.	MG24166	277.
35	MG17408	67.	MG17438	145.	MG17463	210.		
40	MG24122	74.	MG24137	149.	MG24152	216.	MG24167	280.
50	MG24123	78.	MG24138	160.	MG24153	225.	MG24168	292.
60	MG17409	82.	MG17439	168.	MG17464	235.		
63	MG24124	82.	MG24139	168.	MG24154	235.	MG24169	300.
<b>C Curve—Magnetic Setting Between 7 and 10 Times Ampere Rating▲</b>								
0.5	MG17411▲	80.						
1	MG24425▲	67.	MG24442	145.	MG24459	210.	MG24476	277.
1.2	MG17412▲	67.	MG17442	145.				
1.5	MG17413▲	67.	MG17443	145.				
2	MG24426▲	67.	MG24443	145.	MG24460	210.	MG24477	277.
3	MG24427▲	67.	MG24444	145.	MG24461	210.	MG24478	277.
4	MG24428▲	67.	MG24445	145.	MG24462	210.	MG24479	277.
5	MG17414▲	67.	MG17444	145.				
6	MG24430▲	67.	MG24447	145.	MG24464	210.	MG24481	277.
7	MG17415▲	67.	MG17445	145.				
8	MG24431▲	67.	MG24448	145.	MG24465	210.	MG24482	277.
10	MG24432▲	67.	MG24449	145.	MG24466	210.	MG24483	277.
13	MG24433▲	67.	MG24450	145.	MG24467	210.	MG24484	277.
15	MG17416▲	67.	MG17446	145.	MG17466	210.		
16	MG24434▲	67.	MG24451	145.	MG24468	210.	MG24485	277.
20	MG24435▲	67.	MG24452	145.	MG24469	210.	MG24486	277.
25	MG24436▲	67.	MG24453	145.	MG24470	210.	MG24487	277.
30	MG17417▲	67.	MG17447	145.	MG17467	210.		
32	MG24437▲	67.	MG24454	145.	MG24471	210.	MG24488	277.
35	MG17418▲	67.	MG17448	145.	MG17468	210.		
40	MG24438▲	74.	MG24455	149.	MG24472	216.	MG24489	280.
50	MG24439▲	78.	MG24456	160.	MG24473	225.	MG24490	292.
60	MG17419▲	82.	MG17449	168.	MG17469	235.		
63	MG24440▲	82.	MG24457	168.	MG24474	235.	MG24491	300.
<b>D Curve—Magnetic Setting Between 10 and 14 Times Ampere Rating</b>								
0.5	MG17421	\$80.						
1	MG24500	67.	MG24516	\$145.	MG24532	\$210.	MG24548	\$277.
1.2	MG17422	67.	MG17452	145.				
1.5	MG17423	67.	MG17453	145.				
2	MG24501	67.	MG24517	145.	MG24533	210.	MG24549	277.
3	MG24502	67.	MG24518	145.	MG24534	210.	MG24550	277.
4	MG24503	67.	MG24519	145.	MG24535	210.	MG24551	277.
5	MG17424	67.	MG17454	145.				
6	MG24504	67.	MG24520	145.	MG24536	210.	MG24552	277.
7	MG17425	67.	MG17455	145.				
8	MG24505	67.	MG24521	145.	MG24537	210.	MG24553	277.
10	MG24506	67.	MG24522	145.	MG24538	210.	MG24554	277.
13	MG24507	67.	MG24523	145.	MG24539	210.	MG24555	277.
15	MG17426	67.	MG17456	145.	MG17471	210.		
16	MG24508	67.	MG24524	145.	MG24540	210.	MG24556	277.
20	MG24509	67.	MG24525	145.	MG24541	210.	MG24557	277.
25	MG24510	67.	MG24526	145.	MG24542	210.	MG24558	277.
30	MG17427	67.	MG17457	145.	MG17472	210.		
32	MG24511	67.	MG24527	145.	MG24543	210.	MG24559	277.
35	MG17428	67.	MG17458	145.	MG17473	210.		
40	MG24512	74.	MG24528	149.	MG24544	216.	MG24560	280.
50	MG24513	78.	MG24529	160.	MG24545	225.	MG24561	292.
60	MG17429	82.	MG17459	168.	MG17474	235.		
63	MG24514	82.	MG24530	168.	MG24546	235.	MG24562	300.

▲ Dual rated for UL 1077 AC and UL 489A for DC telecomm applications: 1-pole = 60 Vdc.

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