

**Multi 9 C60H-DC UL 1077 Recognized Supplementary Protectors (250 and 500 Vdc)**

The C60H-DC supplementary protectors are used in direct current circuits (industrial control and automation, transport, renewable energy, etc.). They provide overcurrent protection within appliances or electrical equipment.



1P C60H-DC



2P C60H-DC

- Range from 0.5 through 40 A
- 5 kAIR at 250 Vdc (1-pole) and 5 kAIR at 500 Vdc (2-pole, wired in series)
- Trip-free mechanism
- Positive indication of contact disconnect
- C-Curve: 7 to 14 times ampere rating
- UL 1077, IEC 60947-2, EN 60947-2, GB 14048.2, CCC and CE mark.

**Table 7.42: Multi 9 C60H-DC UL 1077 Recognized Supplementary Protectors**

Current (A) <sup>[3]</sup>	Cat. No.	
	1-Pole 24–250 Vdc	2-Pole 24–500 Vdc
0.5	MGN61500	MGN61520
1	MGN61501	MGN61521
2	MGN61502	MGN61522
3	MGN61503	MGN61523
4	MGN61504	MGN61524
5	MGN61505	MGN61525
6	MGN61506	MGN61526
10	MGN61508	MGN61528
13	MGN61509	MGN61529
15	MGN61510	MGN61530
16	MGN61511	MGN61531
20	MGN61512	MGN61532
25	MGN61513	MGN61533
30	MGN61514	MGN61534
32	MGN61515	MGN61535
40	MGN61517	MGN61537

**Multi 9 UL1053 Listed GFP Ground Fault Protectors**



2P GFP



4P GFP (3- or 4-wire)

- Provides ground fault protection for electrical circuits.
- Available in 2P (2-wire) and 4P (3- or 4-wire) versions
- Provides no thermal or magnetic protection. The circuit must be protected by an upstream device.
- Contains Si Technology to increase immunity to noise and to minimize the potential for nuisance tripping in noisy electrical environments.
- Tripped condition due to a ground fault is displayed on the front face by a red mechanical indicator.
- DIN rail mounting for easy installation..

**Table 7.43: Multi 9 UL 1053 Listed GFP Ground Fault Protectors**

Current (A)	Maximum Sensitivity (mA)	Tripping Range	Family	Cat. No.		
				2P		4P
				UL1053 120/240 Vac, 240 Vac, 60 Hz IEC 61008 230 Vac, 240 Vac, 50 Hz	UL1053 277 Vac, 480Y/277 Vac, 60 Hz IEC 61008	UL1053 240 Vac, 480Y/277 Vac, 60 Hz IEC 61008 230/400 Vac, 240/415 Vac, 50 Hz
25	30	22.1 to 29.9 mA	GFP 30	60949	60969	60989
	100	73.1 to 98.9 mA	GFP 100	60950	60970	60990
	300	221 to 299 mA	GFP 300	60951	60971	60991
40	30	22.1 to 29.9 mA	GFP 30	60952	60972	60992
	100	73.1 to 98.9 mA	GFP 100	60953	60973	60993
	300	221 to 299 mA	GFP 300	60954	60974	60994
63	30	22.1 to 29.9 mA	GFP 30	60955	60975	60995
	100	73.1 to 98.9 mA	GFP 100	60956	60976	60996
	300	221 to 299 mA	GFP 300	60957	60977	60997
80	300	221 to 299 mA	GFP 300	60958	60978	60998
	300	221 to 299 mA	GFP 300	60959	60979	60999

Interrupting Ratings see page 7-5  
Accessories see page 7-28  
Dimensions see page 7-73

[3] At 25°C/77°F, for other temperatures see temperature derating table in Multi 9 Catalog 0860CT0201R1/08