



US Breaker CHNT Brand UL1077 DIN Rail Breakers (Merlin Gerin Multi 9 C60N Replacements)

- ✓ UL 1077 Supplementary Protectors are Globally Rated Including IEC60947-2/ CE
- ✓ Standard C (5 - 10X In) & High Inrush D (10 - 14X In) Trip Curves are Available
- ✓ Built in 35mm DIN Rail Mount with Universal 45mm Faceplate Opening
- ✓ Compact 0.71 Inch/ Pole Width and 3.4 Inch Height
- ✓ Ratings: 1 - 63A 1, 2 & 3P, 5KA @ 480/277V



Supplementary Protection Breakers - Series M NB1 (MG) - 1 to 63A C & D Curve

Poles	Amps	US Breaker's C Curve Part #	US Breaker's D Curve Part #	Multi 9 C60 N - Direct Cross Ref		Description	Price
				C Curve	D Curve		
1	1	M63 NB1 P1 C1	M63 NB1 P1 D1	MG24425	MG24500	1P 1 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	2	M63 NB1 P1 C2	M63 NB1 P1 D2	MG24426	MG24501	1P 2 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	3	M63 NB1 P1 C3	M63 NB1 P1 D3	MG24427	MG24502	1P 3 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	4	M63 NB1 P1 C4	M63 NB1 P1 D4	MG24428	MG24503	1P 4 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	6	M63 NB1 P1 C6	M63 NB1 P1 D6	MG24430	MG24504	1P 6 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	10	M63 NB1 P1 C10	M63 NB1 P1 D10	MG24432	MG24506	1P 10 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	16	M63 NB1 P1 C16	M63 NB1 P1 D16	MG24434	MG24508	1P 16 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	20	M63 NB1 P1 C20	M63 NB1 P1 D20	MG24435	MG24509	1P 20 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	25	M63 NB1 P1 C25	M63 NB1 P1 D25	MG24436	MG24510	1P 25 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	32	M63 NB1 P1 C32	M63 NB1 P1 D32	MG24437	MG24511	1P 32 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	40	M63 NB1 P1 C40	M63 NB1 P1 D40	MG24438	MG24512	1P 40 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	50	M63 NB1 P1 C50	M63 NB1 P1 D50	MG24439	MG24513	1P 50 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
	63	M63 NB1 P1 C63	M63 NB1 P1 D63	MG24440	MG24514	1P 63 Amp - UL1077 Breaker 5KA @ 277V	\$6.95
2	1	M63 NB1 P2 C1	M63 NB1 P2 D1	MG24442	MG24516	2P 1 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	2	M63 NB1 P2 C2	M63 NB1 P2 D2	MG24443	MG24517	2P 2 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	3	M63 NB1 P2 C3	M63 NB1 P2 D3	MG24444	MG24518	2P 3 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	4	M63 NB1 P2 C4	M63 NB1 P2 D4	MG24445	MG24519	2P 4 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	6	M63 NB1 P2 C6	M63 NB1 P2 D6	MG24447	MG24520	2P 6 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	10	M63 NB1 P2 C10	M63 NB1 P2 D10	MG24449	MG24522	2P 10 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	16	M63 NB1 P2 C16	M63 NB1 P2 D16	MG24451	MG24524	2P 16 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	20	M63 NB1 P2 C20	M63 NB1 P2 D20	MG24452	MG24525	2P 20 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	25	M63 NB1 P2 C25	M63 NB1 P2 D25	MG24453	MG24526	2P 25 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	32	M63 NB1 P2 C32	M63 NB1 P2 D32	MG24454	MG24527	2P 32 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	40	M63 NB1 P2 C40	M63 NB1 P2 D40	MG24455	MG24528	2P 40 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	50	M63 NB1 P2 C50	M63 NB1 P2 D50	MG24456	MG24529	2P 50 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
	63	M63 NB1 P2 C63	M63 NB1 P2 D63	MG24457	MG24530	2P 63 Amp - UL1077 Breaker 5KA @ 480V	\$13.88
3	1	M63 NB1 P3 C1	M63 NB1 P3 D1	MG24459	MG24532	3P 1 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	2	M63 NB1 P3 C2	M63 NB1 P3 D2	MG24460	MG24533	3P 2 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	3	M63 NB1 P3 C3	M63 NB1 P3 D3	MG24461	MG24534	3P 3 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	4	M63 NB1 P3 C4	M63 NB1 P3 D4	MG24462	MG24535	3P 4 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	6	M63 NB1 P3 C6	M63 NB1 P3 D6	MG24464	MG24536	3P 6 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	10	M63 NB1 P3 C10	M63 NB1 P3 D10	MG24466	MG24538	3P 10 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	16	M63 NB1 P3 C16	M63 NB1 P3 D16	MG24468	MG24540	3P 16 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	20	M63 NB1 P3 C20	M63 NB1 P3 D20	MG24469	MG24541	3P 20 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	25	M63 NB1 P3 C25	M63 NB1 P3 D25	MG24470	MG24542	3P 25 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	32	M63 NB1 P3 C32	M63 NB1 P3 D32	MG24471	MG24543	3P 32 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	40	M63 NB1 P3 C40	M63 NB1 P3 D40	MG24472	MG24544	3P 40 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	50	M63 NB1 P3 C50	M63 NB1 P3 D50	MG24473	MG24545	3P 50 Amp - UL1077 Breaker 5KA @ 480V	\$19.95
	63	M63 NB1 P3 C63	M63 NB1 P3 D63	MG24474	MG24546	3P 63 Amp - UL1077 Breaker 5KA @ 480V	\$19.95

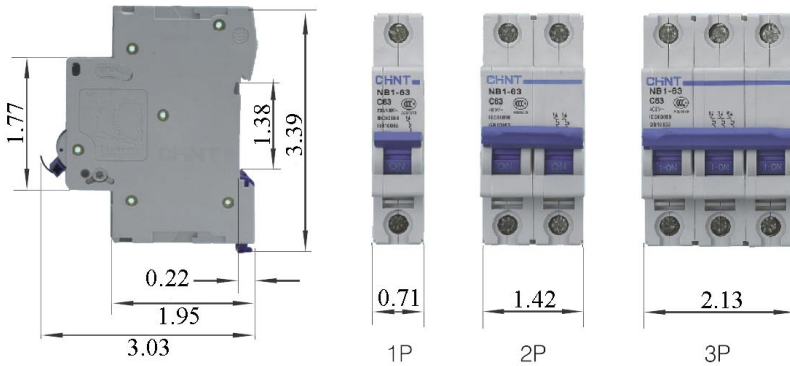


DIN Rail Mountable Circuit Breakers (Merlin Gerin Multi 9 C60N Replacements)

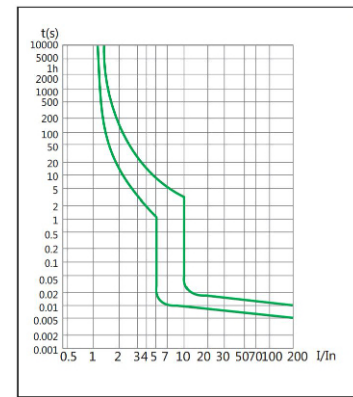
Accessories for Supplementary Protection Circuit Breakers

US Breaker-Part Number	Merlin Gerin C60N Cross Ref.	Description	Price
MNB1XF9	MG26925	Side Mounted Aux Contact 1NO/1NC for 1P, 2P or 3P Breakers	\$12.75
MNB1S9	MG26972	Side Mounted Shunt Trip 220Vac for 1P, 2P or 3P Breakers	\$15.00

Circuit Breaker Dimensions (in.)



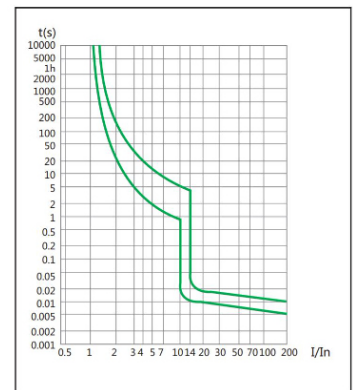
Trip Curve C (5-10x)



Circuit Breaker Technical Data

Series M NBI Poles		1P	2P	3P
Short Circuit (AIC)	240V (120V 1P)	10,000	10,000	10,000
	480V (277V 1P)	5,000	5,000	5,000
Operations	Mech.	10,000	10,000	10,000
	Elec.	4,000	4,000	4,000
Dimensions (in)	Width	0.71	1.42	2.13
	Height	3.39	3.39	3.39
	Depth	3.03	3.03	3.03
Wire Range	AWG Cu (torque)	#16 - #6 (17.8 lb in)		

Trip Curve D (10-14x)



Accessory Technical Data

M NBI Accessories		MNB1XF9	MB1S9
Rated Current	240V	6A	6A
	415V	3A	3A
Operations	Elec.	5,000	4,000
Dimensions (in)	Width	0.35	0.71
	Height	3.19	3.37
	Depth	2.87	2.83



MNB1S9



MNB1XF9

- Merlin Gerin part numbers are provided to assist in product selection. Proper engineering evaluation is required for each customer application.
- Series M NBI accessories are intended and UL recognized for use with series M NBI breakers.