



RCBO's - Residual Current Circuit Breakers With Overcurrent Protection

Series DM60

EN/IEC 61009-1	6000
	3
Type AC	
Type A	

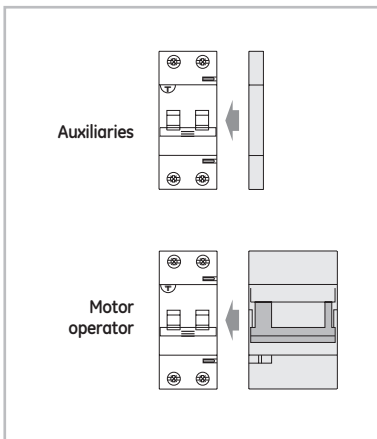
Applications



Approval



Add-on devices



- Auxiliary contacts ● pg C.4
- Motor operator ● pg C.7
- Shunt trip ● pg C.8
- Undervoltage release ● pg C.8
- Panel board switch ● pg C.8

- Busbars ● pg E.2
- More technical data ● pg B.4
- Dimensions ● pg B.32

Performance


Thermal setting I_n	(A) 4 to 40
Residual current $I_{\Delta n}$	(mA) 10, 30, 100, 300
Tripping characteristic	B-C
Rated voltage AC U_n	(V) 230
Minimum operating voltage U_{Bmin}	(V) 117
Mechanical/electrical endurance	20000/10000
Tropicalisation acc. to EN/IEC 60068-2-28/2-30 and DIN 40046	95%RH at 55°C
Terminal capacity flexible/rigid cable	(mm ²) Top terminal: 16-25 Bottom terminal: 25-35
Poles	1+N
Nuisance tripping resistance	250A 8/20μs; 200A 0.5μs - 100kHz
Ambient temperature	(°C) Type AC: -5 upto 40 Type A: -25 upto 40
Weight	(g) 250

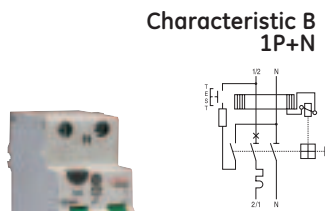
Short-circuit capacity

Acc. to EN/IEC 61009-1 and EN/IEC 60898-1	
Residual making and breaking capacity	$I_{\Delta m} = 6000A$
Short-circuit capacity	$I_{cn} = 6000A$ at 240V
Selectivity class	3

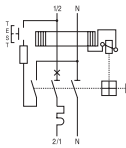
Acc. to EN/IEC 60947-2	
Short-circuit capacity	$I_{cu} = 10000A$ at 240V



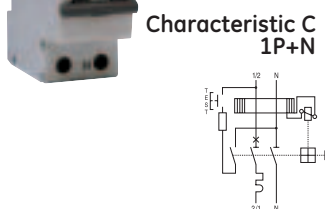
Series DM60 - Type AC 



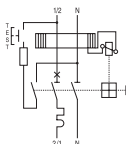
Characteristic B
1P+N




In (A)	10 mA		30 mA		100 mA		300 mA		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
6	DM60B06/010	609802	DM60B06/030	609807	DM60B06/100	609815	DM60B06/300	609823	6
10	DM60B10/010	609803	DM60B10/030	609808	DM60B10/100	609816	DM60B10/300	609824	6
13	DM60B13/010	609804	DM60B13/030	609809	DM60B13/100	609817	DM60B13/300	609825	6
16	DM60B16/010	609805	DM60B16/030	609810	DM60B16/100	609818	DM60B16/300	609826	6
20	DM60B20/010	609806	DM60B20/030	609811	DM60B20/100	609819	DM60B20/300	609827	6
25	-	-	DM60B25/030	609812	DM60B25/100	609820	DM60B25/300	609828	6
32	-	-	DM60B32/030	609813	DM60B32/100	609821	DM60B32/300	609829	6
40	-	-	DM60B40/030	609814	DM60B40/100	609822	DM60B40/300	609830	6

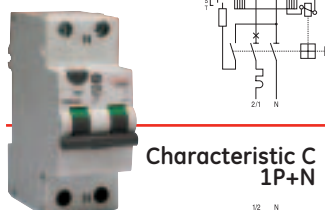


Characteristic C
1P+N

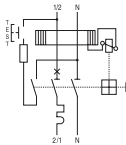


In (A)	10 mA		30 mA		100 mA		300 mA		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
4	DM60C04/010	609831	DM60C04/030	609837	DM60C04/100	609846	DM60C04/300	609855	6
6	DM60C06/010	609832	DM60C06/030	609838	DM60C06/100	609847	DM60C06/300	609856	6
10	DM60C10/010	609833	DM60C10/030	609839	DM60C10/100	609848	DM60C10/300	609857	6
13	DM60C13/010	609834	DM60C13/030	609840	DM60C13/100	609849	DM60C13/300	609858	6
16	DM60C16/010	609835	DM60C16/030	609841	DM60C16/100	609850	DM60C16/300	609859	6
20	DM60C20/010	609836	DM60C20/030	609842	DM60C20/100	609851	DM60C20/300	609860	6
25	-	-	DM60C25/030	609843	DM60C25/100	609852	DM60C25/300	609861	6
32	-	-	DM60C32/030	609844	DM60C32/100	609853	DM60C32/300	609862	6
40	-	-	DM60C40/030	609845	DM60C40/100	609854	DM60C40/300	609863	6

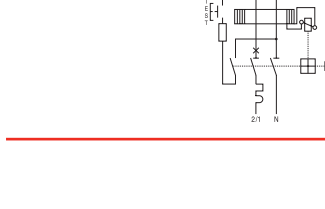
Series DM60 - Type A 



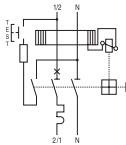
Characteristic B
1P+N




In (A)	10 mA		30 mA		100 mA		300 mA		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
6	DMA60B06/010	609740	DMA60B06/030	609745	DMA60B06/100	609753	DMA60B06/300	609761	6
10	DMA60B10/010	609741	DMA60B10/030	609746	DMA60B10/100	609754	DMA60B10/300	609762	6
13	DMA60B13/010	609742	DMA60B13/030	609747	DMA60B13/100	609755	DMA60B13/300	609763	6
16	DMA60B16/010	609743	DMA60B16/030	609748	DMA60B16/100	609756	DMA60B16/300	609764	6
20	DMA60B20/010	609744	DMA60B20/030	609749	DMA60B20/100	609757	DMA60B20/300	609765	6
25	-	-	DMA60B25/030	609750	DMA60B25/100	609758	DMA60B25/300	609766	6
32	-	-	DMA60B32/030	609751	DMA60B32/100	609759	DMA60B32/300	609767	6
40	-	-	DMA60B40/030	609752	DMA60B40/100	609760	DMA60B40/300	609768	6



Characteristic C
1P+N



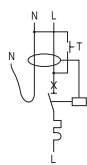
In (A)	10 mA		30 mA		100 mA		300 mA		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
4	DMA60C04/010	609769	DMA60C04/030	609775	DMA60C04/100	609784	DMA60C04/300	609793	6
6	DMA60C06/010	609770	DMA60C06/030	609776	DMA60C06/100	609785	DMA60C06/300	609794	6
10	DMA60C10/010	609771	DMA60C10/030	609777	DMA60C10/100	609786	DMA60C10/300	609795	6
13	DMA60C13/010	609772	DMA60C13/030	609778	DMA60C13/100	609787	DMA60C13/300	609796	6
16	DMA60C16/010	609773	DMA60C16/030	609779	DMA60C16/100	609788	DMA60C16/300	609797	6
20	DMA60C20/010	609774	DMA60C20/030	609780	DMA60C20/100	609789	DMA60C20/300	609798	6
25	-	-	DMA60C25/030	609781	DMA60C25/100	609790	DMA60C25/300	609799	6
32	-	-	DMA60C32/030	609782	DMA60C32/100	609791	DMA60C32/300	609800	6
40	-	-	DMA60C40/030	609783	DMA60C40/100	609792	DMA60C40/300	609801	6

Series DMT60 - Type AC 

(1)



Characteristic C
Unswitched neutral
1P+N



In (A)	30 mA		Pack.
	Cat. No.	Ref. No.	
4	DMT60C04/030	609280	6
6	DMT60C06/030	609281	6
10	DMT60C10/030	609282	6
13	DMT60C13/030	609283	6
16	DMT60C16/030	609284	6
20	DMT60C20/030	609285	6
25	DMT60C25/030	609286	6
32	DMT60C32/030	609287	6
40	DMT60C40/030	609288	6

(1) Please consult us for blue neutral flying lead