



Miniature Circuit Breakers

Series G100

EN/IEC 60898-1	10000
	3
EN/IEC 60947-2	15kA

Special executions G100S for Shipping application and EP100R for Railways application in separate document.

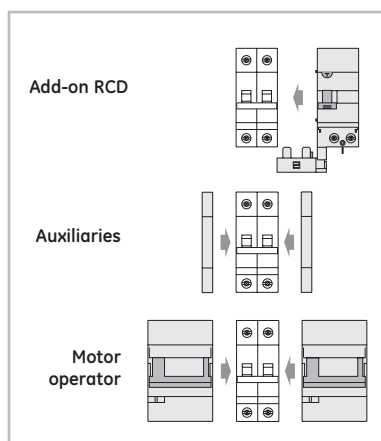
Applications



Approvals / Marking



Add-on devices



- Add-on RCD ● pg B.32
- 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

- Accessories ● pg A.50
- Busbars ● pg E.2
- More technical data ● website
- Dimensions ● pg A.80

Performance

Thermal setting I_n	(A)	0.5-63
Rated voltage AC U_n	(V)	240/415
Minimum operating voltage $U_{8 min}$	(V)	12
Tripping characteristics		B-C-D
Selectivity class		3
Mechanical/electrical endurance		20000/10000
Tropicalisation acc.to EN/IEC 60068-2		95%RH at 55°C
Terminal capacity flexible/rigid cable	(mm ²)	25-35
Poles		1, 1+N, 2, 3, 4
Weight	(g/pole)	120

Short-circuit capacity

AC acc. to EN/IEC 60898-1

Poles	V	I_{cn} (kA) ⁽¹⁾
1-4	230/400	10

AC acc. to EN/IEC 60947-2

Poles	V	I_{cu} (kA) ⁽²⁾
1	240	15
1+N, 2	127	40
	240	30
2	415	15
3, 4	240	30
	415	15

DC acc. to EN/IEC 60947-2

Poles	V _{DC} ⁽³⁾	I_{cu}/I_{cs} (kA)
1	60	25
2	125	30

(1) $I_{cs} = 75\% I_{cu}$

(2) $I_{cs} = 50\% I_{cu}$

(3) Nominal and Maximum VDC on page A.4-A.5

Screwless MCBs 10 kA, see page A.78

Series G100 - 10kA - characteristics B-C-D

	In (A)	B		C		D		Pack.
		Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
 1P 1 mod. 1/2 2/1	0.5	-	-	G101C0.5	674854	G101D0.5	675016	12
	1	-	-	G101C01	674855	G101D01	675017	12
	2	-	-	G101C02	674856	G101D02	675018	12
	3	-	-	G101C03	674857	G101D03	675019	12
	4	-	-	G101C04	674858	G101D04	675020	12
	6	G101B06	674950	G101C06	674859	G101D06	675021	12
	10	G101B10	674952	G101C10	674861	G101D10	675023	12
	13	G101B13	674953	G101C13	674862	G101D13	675024	12
	16	G101B16	674954	G101C16	674863	G101D16	675025	12
	20	G101B20	674955	G101C20	674864	G101D20	675026	12
	25	G101B25	674956	G101C25	674865	G101D25	675027	12
	32	G101B32	674957	G101C32	674866	G101D32	675028	12
	40	G101B40	674958	G101C40	674867	G101D40	675029	12
	50	G101B50	674959	G101C50	674868	G101D50	675030	12
	63	G101B63	674960	G101C63	674869	G101D63	675031	12
 1P+N 2 mod. 1/2 N 2/1 N	0.5	-	-	-	-	G101ND0.5	675032	6
	1	-	-	-	-	G101ND01	675033	6
	2	-	-	G101NC02	674872	G101ND02	675034	6
	3	-	-	G101NC03	674873	G101ND03	675035	6
	4	-	-	G101NC04	674874	G101ND04	675036	6
	6	G101NB06	674961	G101NC06	674875	G101ND06	675037	6
	10	G101NB10	674963	G101NC10	674877	G101ND10	675039	6
	13	G101NB13	674964	G101NC13	674878	G101ND13	675040	6
	16	G101NB16	674965	G101NC16	674879	G101ND16	675041	6
	20	G101NB20	674966	G101NC20	674880	G101ND20	675042	6
	25	G101NB25	674967	G101NC25	674881	G101ND25	675043	6
	32	G101NB32	674968	G101NC32	674882	G101ND32	675044	6
	40	G101NB40	674969	G101NC40	674883	G101ND40	675045	6
	50	G101NB50	674970	G101NC50	674884	G101ND50	675046	6
	63	G101NB63	674971	G101NC63	674885	G101ND63	675047	6
 2P 2 mod. 1/2 3/4 2/1 4/3	0.5	-	-	G102C0.5	674886	G102D0.5	675048	6
	1	-	-	G102C01	674887	G102D01	675049	6
	2	-	-	G102C02	674888	G102D02	675050	6
	3	-	-	G102C03	674889	G102D03	675051	6
	4	-	-	G102C04	674890	G102D04	675052	6
	6	G102B06	674972	G102C06	674891	G102D06	675053	6
	10	G102B10	674974	G102C10	674893	G102D10	675055	6
	13	G102B13	674975	G102C13	674894	G102D13	675056	6
	16	G102B16	674976	G102C16	674895	G102D16	675057	6
	20	G102B20	674977	G102C20	674896	G102D20	675058	6
	25	G102B25	674978	G102C25	674897	G102D25	675059	6
	32	G102B32	674979	G102C32	674898	G102D32	675060	6
	40	G102B40	674980	G102C40	674899	G102D40	675061	6
	50	G102B50	674981	G102C50	674900	G102D50	675062	6
	63	G102B63	674982	G102C63	674901	G102D63	675063	6
 3P 3 mod. 1/2 3/4 5/6 2/1 4/3 6/5	0.5	-	-	G103C0.5	674902	G103D0.5	675064	4
	1	-	-	G103C01	674903	G103D01	675065	4
	2	-	-	G103C02	674904	G103D02	675066	4
	3	-	-	G103C03	674905	G103D03	675067	4
	4	-	-	G103C04	674906	G103D04	675068	4
	6	G103B06	674983	G103C06	674907	G103D06	675069	4
	10	G103B10	674985	G103C10	674909	G103D10	675071	4
	13	G103B13	674986	G103C13	674910	G103D13	675072	4
	16	G103B16	674987	G103C16	674911	G103D16	675073	4
	20	G103B20	674988	G103C20	674912	G103D20	675074	4
	25	G103B25	674989	G103C25	674913	G103D25	675075	4
	32	G103B32	674990	G103C32	674914	G103D32	675076	4
	40	G103B40	674991	G103C40	674915	G103D40	675077	4
	50	G103B50	674992	G103C50	674916	G103D50	675078	4
	63	G103B63	674993	G103C63	674917	G103D63	675079	4
 4P 4 mod. 1/2 3/4 5/6 7/8 2/1 4/3 6/5 8/7	0.5	-	-	G104C0.5	674918	G104D0.5	675080	3
	1	-	-	G104C01	674919	G104D01	675081	3
	2	-	-	G104C02	674920	G104D02	675082	3
	3	-	-	G104C03	674921	G104D03	675083	3
	4	-	-	G104C04	674922	G104D04	675084	3
	6	G104B06	674994	G104C06	674923	G104D06	675085	3
	10	G104B10	674996	G104C10	674925	G104D10	675087	3
	13	G104B13	674997	G104C13	674926	G104D13	675088	3
	16	G104B16	674998	G104C16	674927	G104D16	675089	3
	20	G104B20	674999	G104C20	674928	G104D20	675090	3
	25	G104B25	675000	G104C25	674929	G104D25	675091	3
	32	G104B32	675001	G104C32	674930	G104D32	675092	3
	40	G104B40	675002	G104C40	674931	G104D40	675093	3
	50	G104B50	675003	G104C50	674932	G104D50	675094	3
	63	G104B63	675004	G104C63	674933	G104D63	675095	3