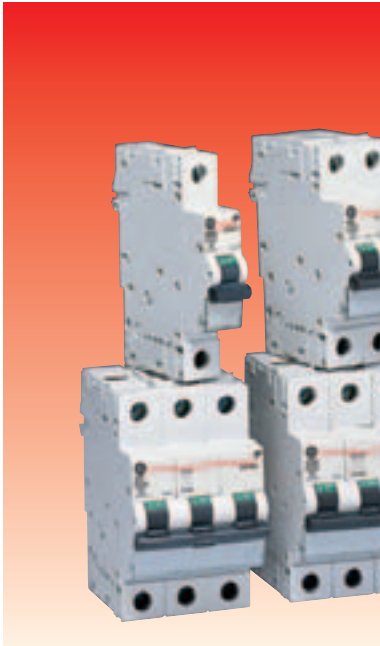


Miniature Circuit Breakers

EP100



BS EN 60898 10000

3

BS EN 60947-2 15 kA

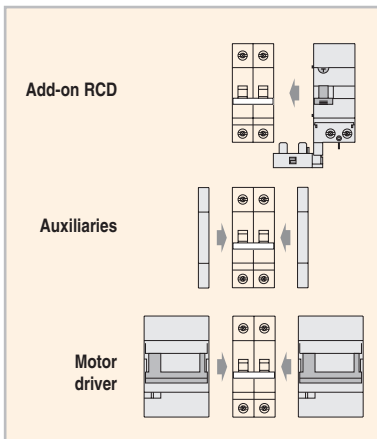
Applications



Approvals / Marking



Add-on devices



Add-on devices

- Auxiliary contacts ● pg C.4
- Shunt trip ● pg C.6
- Undervoltage release ● pg C.6
- Panel board switch ● pg C.6
- Motor operator ● pg C.8

- Accessories ● pg A.24
- Busbars ● pg E.1
- Dimensions ● pg A.32

Performance

Thermal setting I_n	(A) 0.5 -63
Rated voltage AC U_n	(V) 240/415
Minimum operating voltage U_{B min}	(V) 12
Tripping characteristics	B-C-D
Selectivity class	3
Mechanical/electrical endurance	20000/10000
Tropicalisation acc. to EN 60068-2	95%RH at 55°C
Terminal capacity flexible/rigid cable (mm²)	25-35
Poles	1, 1+N, 2, 3, 4
Weight	(g/pole) 125

Short-circuit capacity

AC acc. to BS EN 60898

Poles	V	I _{cn} /I _{cs} (kA) ⁽¹⁾
1-4	240/415	10

AC acc. to BS EN 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 BS EN 60947-2

Poles	VDC	I _{cu} (kA)/I _{cs} (kA)
1	60	25
2	125	30

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

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

Series EP100 - 10kA - characteristics B-C-D



1P
1 mod.



In (A)	B		C		D		Pack.
	Cat. nr.	Ref. nr.	Cat. nr.	Ref. nr.	Cat. nr.	Ref. nr.	
0.5			EP101 C0.5	672242	EP101 D0.5	566766	1/12
1			EP101 C01	672243	EP101 D01	566767	1/12
2			EP101 C02	672244	EP101 D02	566768	1/12
3			EP101 C03	672245	EP101 D03	566769	1/12
4			EP101 C04	672246	EP101 D04	566770	1/12
6	EP101 B06	672327	EP101 C06	674283	EP101 D06	566771	1/12
10	EP101 B10	672329	EP101 C10	674284	EP101 D10	566772	1/12
16	EP101 B16	672331	EP101 C16	674285	EP101 D16	566774	1/12
20	EP101 B20	672332	EP101 C20	674286	EP101 D20	566775	1/12
25	EP101 B25	672333	EP101 C25	674287	EP101 D25	566776	1/12
32	EP101 B32	672334	EP101 C32	674288	EP101 D32	566777	1/12
40	EP101 B40	672335	EP101 C40	674289	EP101 D40	566778	1/12
50	EP101 B50	672336	EP101 C50	674290	EP101 D50	566779	1/12
63	EP101 B63	672337	EP101 C63	674291	EP101 D63	566780	1/12



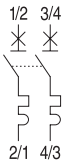
1P+N
2 mod.



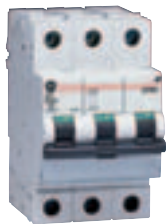
0.5			EP101N C0.5	672258			1/6
1			EP101N C01	672259			1/6
2			EP101N C02	672260			1/6
3			EP101N C03	672261			1/6
4			EP101N C04	672262			1/6
6			EP101N C06	672263			1/6
10			EP101N C10	672265			1/6
16			EP101N C16	672267			1/6
20			EP101N C20	672268			1/6
25			EP101N C25	672269			1/6
32			EP101N C32	672270			1/6
40			EP101N C40	672271			1/6
50			EP101N C50	672272			1/6
63			EP101N C63	672273			1/6



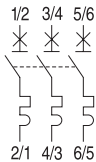
2P
2 mod.



0.5			EP102 C0.5	672274	EP102 D0.5	566806	1/6
1			EP102 C01	672275	EP102 D01	566807	1/6
2			EP102 C02	672276	EP102 D02	566808	1/6
3			EP102 C03	672277	EP102 D03	566809	1/6
4			EP102 C04	672278	EP102 D04	566810	1/6
6	EP102 B06	672359	EP102 C06	672279	EP102 D06	566811	1/6
10	EP102 B10	672361	EP102 C10	672281	EP102 D10	566812	1/6
16	EP102 B16	672363	EP102 C16	672283	EP102 D16	566814	1/6
20	EP102 B20	672364	EP102 C20	672284	EP102 D20	566815	1/6
25	EP102 B25	672365	EP102 C25	672285	EP102 D25	566816	1/6
32	EP102 B32	672366	EP102 C32	672286	EP102 D32	566817	1/6
40	EP102 B40	672367	EP102 C40	672287	EP102 D40	566818	1/6
50	EP102 B50	672368	EP102 C50	672288	EP102 D50	566819	1/6
63	EP102 B63	672369	EP102 C63	672289	EP102 D63	566820	1/6



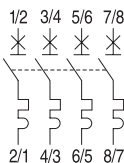
3P
3 mod.



0.5			EP103 C0.5	672290	EP103 D0.5	566846	1/4
1			EP103 C01	672291	EP103 D01	566847	1/4
2			EP103 C02	672292	EP103 D02	566848	1/4
3			EP103 C03	672293	EP103 D03	566849	1/4
4			EP103 C04	672294	EP103 D04	566850	1/4
6	EP103 B06	672375	EP103 C06	674292	EP103 D06	566851	1/4
10	EP103 B10	672377	EP103 C10	674293	EP103 D10	566852	1/4
16	EP103 B16	672379	EP103 C16	674294	EP103 D16	566854	1/4
20	EP103 B20	672380	EP103 C20	674295	EP103 D20	566855	1/4
25	EP103 B25	672381	EP103 C25	674296	EP103 D25	566856	1/4
32	EP103 B32	672382	EP103 C32	674297	EP103 D32	566857	1/4
40	EP103 B40	672383	EP103 C40	674298	EP103 D40	566858	1/4
50	EP103 B50	672384	EP103 C50	674299	EP103 D50	566859	1/4
63	EP103 B63	672385	EP103 C63	674300	EP103 D63	566860	1/4



4P
4 mod.



0.5			EP104 C0.5	672306	EP104 D0.5	566886	1/3
1			EP104 C01	672307	EP104 D01	566887	1/3
2			EP104 C02	672308	EP104 D02	566888	1/3
3			EP104 C03	672309	EP104 D03	566889	1/3
4			EP104 C04	672310	EP104 D04	566890	1/3
6	EP104 B06	672391	EP104 C06	672311	EP104 D06	566891	1/3
10	EP104 B10	672393	EP104 C10	672313	EP104 D10	566892	1/3
16	EP104 B16	672395	EP104 C16	672315	EP104 D16	566894	1/3
20	EP104 B20	672396	EP104 C20	672316	EP104 D20	566895	1/3
25	EP104 B25	672397	EP104 C25	672317	EP104 D25	566896	1/3
32	EP104 B32	672398	EP104 C32	672318	EP104 D32	566897	1/3
40	EP104 B40	672399	EP104 C40	672319	EP104 D40	566898	1/3
50	EP104 B50	672400	EP104 C50	672320	EP104 D50	566899	1/3
63	EP104 B63	672401	EP104 C63	672321	EP104 D63	566900	1/3

Remark: 3P+N (4 modules) on request.

