

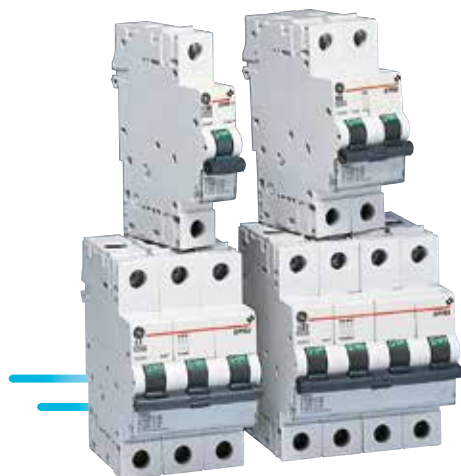


## Miniature Circuit Breakers

### Series EP100

EN/IEC 60898-1 **10000**

EN/IEC 60947-2 **15kA**



Circuit protection

A

### Applications



B

### Marking

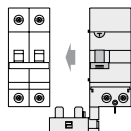


C

### Add-on devices

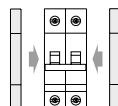
D

Add-on RCD



E

Auxiliaries



F

Motor operator



G

X

### Performance

<b>Thermal setting In</b>	(A) 0.5-63
<b>Rated voltage AC Un</b>	(V) 240/415
<b>Minimum operating voltage UB min</b>	(V) 12
<b>Tripping characteristics</b>	8-12 In (K) and 6 In non tripping ≤ 2 sec., Z
<b>Mechanical/electrical endurance</b>	20000/10000
<b>Tropicalisation acc.to EN/IEC 60068-2</b>	95% RH at 55°C
<b>Terminal capacity flexible/rigid cable</b>	(mm <sup>2</sup> ) 25-35
<b>Poles</b>	1, 2, 3, 4
<b>Weight</b>	(g/pole) 120

### Short-circuit capacity




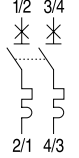

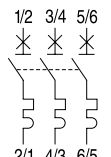

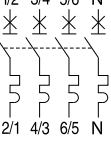

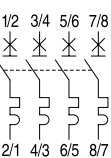
AC acc. to EN/IEC 60947-2		
Poles	V	Icu (kA) <sup>(1)</sup>
1	240	15
1+N, 2	127	40
	240	30
2	415	15
3, 4	240	30
	415	15
DC acc. to EN/IEC 60947-2		
Poles	V <sup>==</sup> (2)	Icu/Ics (kA)
1	60	25
2 (in series)	125	30

(1) Ics = 75% Icu

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



**Series EP100 - 10kA - characteristics K-Z**

	In (A)	K		Z		Pack.
		Cat. No.	Ref. No.	Cat. No.	Ref. No.	
<b>1P</b> <b>1 mod.</b>  	0.5	EP101K0.5	<b>672402</b>	EP101Z0.5	<b>682775</b>	12
	1	EP101K01	<b>672403</b>	EP101Z01	<b>682776</b>	12
	1.6	EP101K1.6	<b>681588</b>	EP101Z1.6	<b>682777</b>	12
	2	EP101K02	<b>672404</b>	EP101Z02	<b>682778</b>	12
	3	EP101K03	<b>672405</b>	EP101Z03	<b>682779</b>	12
	4	EP101K04	<b>672406</b>	EP101Z04	<b>682780</b>	12
	6	EP101K06	<b>672407</b>	EP101Z06	<b>682781</b>	12
	8	EP101K08	<b>672408</b>	EP101Z08	<b>682782</b>	12
	10	EP101K10	<b>672409</b>	EP101Z10	<b>682783</b>	12
	16	EP101K16	<b>672411</b>	EP101Z16	<b>682784</b>	12
	20	EP101K20	<b>672412</b>	EP101Z20	<b>682785</b>	12
	25	EP101K25	<b>672413</b>	EP101Z25	<b>682786</b>	12
	32	EP101K32	<b>672414</b>	EP101Z32	<b>682787</b>	12
	40	EP101K40	<b>672415</b>	EP101Z40	<b>682788</b>	12
	50	EP101K50	<b>672416</b>	EP101Z50	<b>682789</b>	12
	63	EP101K63	<b>672417</b>	EP101Z63	<b>682790</b>	12
<b>2P</b> <b>2 mod.</b>  	0.5	EP102K0.5	<b>672434</b>	EP102Z0.5	<b>682791</b>	6
	1	EP102K01	<b>672435</b>	EP102Z01	<b>682792</b>	6
	1.6	EP102K1.6	<b>681591</b>	EP102Z1.6	<b>682793</b>	6
	2	EP102K02	<b>672436</b>	EP102Z02	<b>682794</b>	6
	3	EP102K03	<b>672437</b>	EP102Z03	<b>682795</b>	6
	4	EP102K04	<b>672438</b>	EP102Z04	<b>682796</b>	6
	6	EP102K06	<b>672439</b>	EP102Z06	<b>682797</b>	6
	8	EP102K08	<b>672440</b>	EP102Z08	<b>682798</b>	6
	10	EP102K10	<b>672441</b>	EP102Z10	<b>682799</b>	6
	16	EP102K16	<b>672443</b>	EP102Z16	<b>682800</b>	6
	20	EP102K20	<b>672444</b>	EP102Z20	<b>682801</b>	6
	25	EP102K25	<b>672445</b>	EP102Z25	<b>682802</b>	6
	32	EP102K32	<b>672446</b>	EP102Z32	<b>682803</b>	6
	40	EP102K40	<b>672447</b>	EP102Z40	<b>682804</b>	6
	50	EP102K50	<b>672448</b>	EP102Z50	<b>682805</b>	6
	63	EP102K63	<b>672449</b>	EP102Z63	<b>682806</b>	6
<b>3P</b> <b>3 mod.</b>  	0.5	EP103K0.5	<b>672450</b>	EP103Z0.5	<b>682807</b>	4
	1	EP103K01	<b>672451</b>	EP103Z01	<b>682808</b>	4
	1.6	EP103K1.6	<b>681594</b>	EP103Z1.6	<b>682809</b>	4
	2	EP103K02	<b>672452</b>	EP103Z02	<b>682810</b>	4
	3	EP103K03	<b>672453</b>	EP103Z03	<b>682811</b>	4
	4	EP103K04	<b>672454</b>	EP103Z04	<b>682812</b>	4
	6	EP103K06	<b>672455</b>	EP103Z06	<b>682813</b>	4
	8	EP103K08	<b>672456</b>	EP103Z08	<b>682814</b>	4
	10	EP103K10	<b>672457</b>	EP103Z10	<b>682815</b>	4
	16	EP103K16	<b>672459</b>	EP103Z16	<b>682816</b>	4
	20	EP103K20	<b>672460</b>	EP103Z20	<b>682817</b>	4
	25	EP103K25	<b>672461</b>	EP103Z25	<b>682818</b>	4
	32	EP103K32	<b>672462</b>	EP103Z32	<b>682819</b>	4
	40	EP103K40	<b>672463</b>	EP103Z40	<b>682820</b>	4
	50	EP103K50	<b>672464</b>	EP103Z50	<b>682821</b>	4
	63	EP103K63	<b>672465</b>	EP103Z63	<b>682822</b>	4
<b>3P+N</b> <b>4 mod.</b>  	0.5	-	-	EP103Z0.5N	<b>682823</b>	4
	1	-	-	EP103Z01N	<b>682824</b>	4
	1.6	-	-	EP103Z1.6N	<b>682825</b>	4
	2	-	-	EP103Z02N	<b>682826</b>	4
	3	-	-	EP103Z03N	<b>682827</b>	4
	4	-	-	EP103Z04N	<b>682828</b>	4
	6	-	-	EP103Z06N	<b>682829</b>	4
	8	-	-	EP103Z08N	<b>682830</b>	4
	10	-	-	EP103Z10N	<b>682831</b>	4
	16	-	-	EP103Z16N	<b>682832</b>	4
	20	-	-	EP103Z20N	<b>682833</b>	4
	25	-	-	EP103Z25N	<b>682834</b>	4
	32	-	-	EP103Z32N	<b>682835</b>	4
	40	-	-	EP103Z40N	<b>682836</b>	4
	50	-	-	EP103Z50N	<b>682837</b>	4
	63	-	-	EP103Z63N	<b>682838</b>	4
<b>4P</b> <b>4 mod.</b>  	0.5	EP104K0.5	<b>672466</b>	EP104Z0.5	<b>682839</b>	3
	1	EP104K01	<b>672467</b>	EP104Z01	<b>682840</b>	3
	1.6	EP104K1.6	<b>681597</b>	EP104Z1.6	<b>682841</b>	3
	2	EP104K02	<b>672468</b>	EP104Z02	<b>682842</b>	3
	3	EP104K03	<b>672469</b>	EP104Z03	<b>682843</b>	3
	4	EP104K04	<b>672470</b>	EP104Z04	<b>682844</b>	3
	6	EP104K06	<b>672471</b>	EP104Z06	<b>682845</b>	3
	8	EP104K08	<b>672472</b>	EP104Z08	<b>682846</b>	3
	10	EP104K10	<b>672473</b>	EP104Z10	<b>682847</b>	3
	16	EP104K16	<b>672475</b>	EP104Z16	<b>682848</b>	3
	20	EP104K20	<b>672476</b>	EP104Z20	<b>682849</b>	3
	25	EP104K25	<b>672477</b>	EP104Z25	<b>682850</b>	3
	32	EP104K32	<b>672478</b>	EP104Z32	<b>682851</b>	3
	40	EP104K40	<b>672479</b>	EP104Z40	<b>682852</b>	3
	50	EP104K50	<b>672480</b>	EP104Z50	<b>682853</b>	3
	63	EP104K63	<b>672481</b>	EP104Z63	<b>682854</b>	3

Series EP100

A

B

C

D

E

F

G

X

New