



## Miniature Circuit Breakers

### Series EP60

EN/IEC 60898-1 **6000**

EN/IEC 60947-2 **10kA**



Circuit protection

A

### Applications



B

### Marking

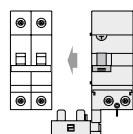


C

### Add-on devices

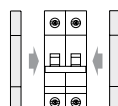
D

Add-on RCD



E

Auxiliaries



F

G

Motor operator



X

### Performance

<b>Thermal setting In</b>	(A) 2-63
<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
<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




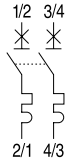

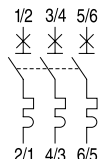

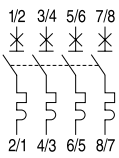
### Short-circuit capacity

AC acc. to EN/IEC 60947-2		
Poles	V	Icu (kA) <sup>(1)</sup>
1	240	10
1+N, 2	127	30
	240	20
2	415	10
3, 4	240	20
	415	10
DC acc. to EN/IEC 60947-2		
Poles	V <sup>==</sup> (2)	Icu/Ics (kA)
1	60	20
2 (in series)	125	25

(1) Ics = 75% Icu

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

**Series EP60 - 6kA - characteristic K**

		K			
	In (A)	Cat. No.	Ref. No.		Pack.
	<b>1P</b> <b>1 mod.</b>  	0.5	EP61K0.5	<b>681600</b>	12
		1	EP61K01	<b>681601</b>	12
		1.6	EP61K1.6	<b>681602</b>	12
		2	EP61K02	<b>681603</b>	12
		3	EP61K03	<b>681604</b>	12
		4	EP61K04	<b>681605</b>	12
		6	EP61K06	<b>681606</b>	12
		8	EP61K08	<b>681607</b>	12
		10	EP61K10	<b>681608</b>	12
		16	EP61K16	<b>681609</b>	12
		20	EP61K20	<b>681610</b>	12
		25	EP61K25	<b>681611</b>	12
		32	EP61K32	<b>681612</b>	12
		40	EP61K40	<b>681613</b>	12
		50	EP61K50	<b>681614</b>	12
		63	EP61K63	<b>681615</b>	12
	<b>2P</b> <b>2 mod.</b>  	0.5	EP62K0.5	<b>681616</b>	6
		1	EP62K01	<b>681617</b>	6
		1.6	EP62K1.6	<b>681618</b>	6
		2	EP62K02	<b>681619</b>	6
		3	EP62K03	<b>681620</b>	6
		4	EP62K04	<b>681621</b>	6
		6	EP62K06	<b>681622</b>	6
		8	EP62K08	<b>681623</b>	6
		10	EP62K10	<b>681624</b>	6
		16	EP62K16	<b>681625</b>	6
		20	EP62K20	<b>681626</b>	6
		25	EP62K25	<b>681627</b>	6
		32	EP62K32	<b>681628</b>	6
		40	EP62K40	<b>681629</b>	6
		50	EP62K50	<b>681630</b>	6
		63	EP62K63	<b>681631</b>	6
	<b>3P</b> <b>3 mod.</b>  	0.5	EP63K0.5	<b>681632</b>	6
		1	EP63K01	<b>681633</b>	6
		1.6	EP63K1.6	<b>681634</b>	6
		2	EP63K02	<b>681635</b>	6
		3	EP63K03	<b>681636</b>	6
		4	EP63K04	<b>681637</b>	6
		6	EP63K06	<b>681638</b>	6
		8	EP63K08	<b>681639</b>	6
		10	EP63K10	<b>681640</b>	6
		16	EP63K16	<b>681641</b>	6
		20	EP63K20	<b>681642</b>	6
		25	EP63K25	<b>681643</b>	6
		32	EP63K32	<b>681644</b>	6
		40	EP63K40	<b>681645</b>	6
		50	EP63K50	<b>681646</b>	6
		63	EP63K63	<b>681647</b>	6
	<b>3P</b> <b>3 mod.</b>  	0.5	EP64K0.5	<b>681648</b>	3
		1	EP64K01	<b>681649</b>	3
		1.6	EP64K1.6	<b>681650</b>	3
		2	EP64K02	<b>681651</b>	3
		3	EP64K03	<b>681652</b>	3
		4	EP64K04	<b>681653</b>	3
		6	EP64K06	<b>681654</b>	3
		8	EP64K08	<b>681655</b>	3
		10	EP64K10	<b>681656</b>	3
		16	EP64K16	<b>681657</b>	3
		20	EP64K20	<b>681658</b>	3
		25	EP64K25	<b>681659</b>	3
		32	EP64K32	<b>681660</b>	3
		40	EP64K40	<b>681661</b>	3
		50	EP64K50	<b>681662</b>	3
		63	EP64K63	<b>681663</b>	3

Series EP60

A

B

C

D

E

F

G

X