

Miniature circuit breakers

Advantages of miniature circuit breakers ETIMAT 6 and 10

→ Sealing possibility



→ "ON/OFF" mark on the switch button

→ Option of mounting auxiliary devices (auxiliary switch, shunt trip, undervoltage release)



→ Indication of contacts' state

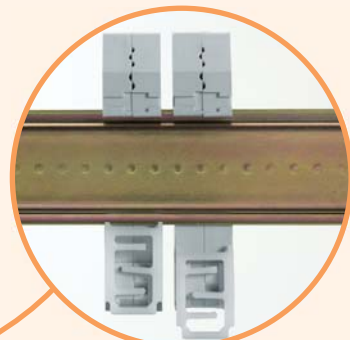
→ Marking of circuits possibility

→ Better protection of terminals against touching the parts under voltage

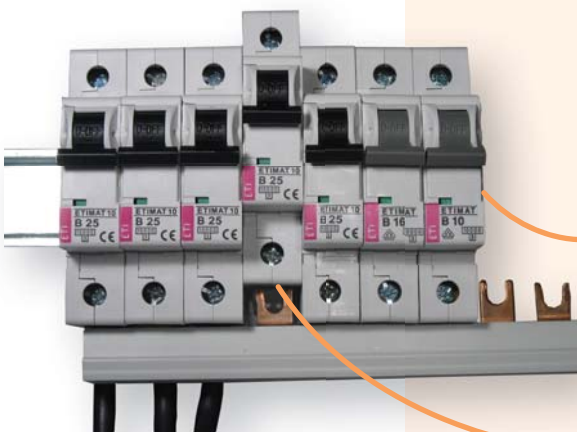


→ Double connection possibility

→ Every product is marked with EAN code



→ New method of mounting on the DIN rail and simple replacement



Miniature circuit breakers

Miniature circuit breaker ETIMAT 6

Rated short-circuit capacity
6 kA

Rated current
6 - 63 A

Tripping characteristic
B, C

1-pole

I_n [A]	U_n [V]	code No. B	code No. C	weight [g]	packaging [pcs]
6	230/400	002111512	002141512	112	12/108
10	230/400	002111514	002141514	112	12/108
13	230/400	002111515	002141515	112	12/108
16	230/400	002111516	002141516	112	12/108
20	230/400	002111517	002141517	112	12/108
25	230/400	002111518	002141518	112	12/108
32	230/400	002111519	002141519	112	12/108
40	230/400	002111520	002141520	112	12/108
50	230/400	002111521	002141521	123	12/108
63	230/400	002111522	002141522	123	12/108

1-pole + N

I_n [A]	U_n [V]	code No. B	code No. C	weight [g]	packaging [pcs]
6	230	002112512	002142512	227	6/54
10	230	002112514	002142514	227	6/54
13	230	002112515	002142515	227	6/54
16	230	002112516	002142516	227	6/54
20	230	002112517	002142517	227	6/54
25	230	002112518	002142518	227	6/54
32	230	002112519	002142519	227	6/54
40	230	002112520	002142520	227	6/54
50	230	002112521	002142521	245	6/54
63	230	002112522	002142522	245	6/54

2-pole

I_n [A]	U_n [V]	code No. B	code No. C	weight [g]	packaging [pcs]
6	400	002113512	002143512	227	6/54
10	400	002113514	002143514	227	6/54
13	400	002113515	002143515	227	6/54
16	400	002113516	002143516	227	6/54
20	400	002113517	002143517	227	6/54
25	400	002113518	002143518	227	6/54
32	400	002113519	002143519	227	6/54
40	400	002113520	002143520	227	6/54
50	400	002113521	002143521	245	6/54
63	400	002113522	002143522	245	6/54





3-pole

I_n [A]	U_n [V]	code No. B	code No. C	weight [g]	packaging [pcs]
6	400	002115512	002145512	345	4/36
10	400	002115514	002145514	345	4/36
13	400	002115515	002145515	345	4/36
16	400	002115516	002145516	345	4/36
20	400	002115517	002145517	345	4/36
25	400	002115518	002145518	345	4/36
32	400	002115519	002145519	345	4/36
40	400	002115520	002145520	345	4/36
50	400	002115521	002145521	372	4/36
63	400	002115522	002145522	372	4/36



3-pole + N

I_n [A]	U_n [V]	code No. B	code No. C	weight [g]	packaging [pcs]
6	400	002116512	002146512	459	3/27
10	400	002116514	002146514	459	3/27
13	400	002116515	002146515	459	3/27
16	400	002116516	002146516	459	3/27
20	400	002116517	002146517	459	3/27
25	400	002116518	002146518	459	3/27
32	400	002116519	002146519	459	3/27
40	400	002116520	002146520	459	3/27
50	400	002116521	002146521	493	3/27
63	400	002116522	002146522	493	3/27

Miniature circuit breaker MCB 1+N

Rated short-circuit capacity
6 kA

Rated current
6 - 32 A

Tripping characteristic
B, C



MCB1+N

I_n [A]	code No. B	code No. C	packaging [pcs]
6	002191101	002191121	1/12
10	002191102	002191122	1/12
13	002191103	002191123	1/12
16	002191104	002191124	1/12
20	002191105	002191125	1/12
25	002191106	002191126	1/12
32	002191107	002191127	1/12

Description
Miniature circuit breaker MCB 1+N is a device with protected line pole and switched neutral pole.

Advantages:

- 1-pole+N in single housing
- Sealing possibility
- Indication of contacts' state
- New method of mounting on the DIN rail and simple replacement

Miniature circuit breakers

Miniature circuit breaker ETIMAT 10

Rated short-circuit capacity
10 kA

Rated current
0,5 - 40 A

Tripping characteristic
B, C, D

1-pole

I _n [A]	U _n [V]	code No. B	code No. C	code No. D	weight [g]	packaging [pcs]
0,5	230/400		002131701	002151701	115	12/108
1	230/400		002131704	002151704	115	12/108
1,6	230/400		002131707	002151707	115	12/108
2	230/400		002131708	002151708	115	12/108
4	230/400		002131710	002151710	115	12/108
6	230/400	002121712	002131712	002151712	112	12/108
10	230/400	002121714	002131714	002151714	112	12/108
13	230/400	002121715	002131715	002151715	112	12/108
16	230/400	002121716	002131716	002151716	112	12/108
20	230/400	002121717	002131717	002151717	112	12/108
25	230/400	002121718	002131718	002151718	112	12/108
32	230/400	002121719	002131719	002151719	112	12/108
40	230/400	002121720	002131720	002151720	112	12/108

Note: Packaging for all products with characteristic D is 1/12.



1-pole + N

I _N [A]	U _n [V]	code No. B	code No. C	code No. D	weight [g]	packaging [pcs]
0,5	230		002132701	002152701	232	6/54
1	230		002132704	002152704	232	6/54
1,6	230		002132707	002152707	232	6/54
2	230		002132708	002152708	232	6/54
4	230		002132710	002152710	232	6/54
6	230	002122712	002132712	002152712	227	6/54
10	230	002122714	002132714	002152714	227	6/54
13	230	002122715	002132715	002152715	227	6/54
16	230	002122716	002132716	002152716	227	6/54
20	230	002122717	002132717	002152717	227	6/54
25	230	002122718	002132718	002152718	227	6/54
32	230	002122719	002132719	002152719	227	6/54
40	230	002122720	002132720	002152720	227	6/54

Note: Packaging for all products with characteristic D is 1/54.



2-pole

I _n [A]	U _n [V]	code No. B	code No. C	code No. D	weight [g]	packaging [pcs]
0,5	400		002133701	002153701	232	6/54
1	400		002133704	002153704	232	6/54
1,6	400		002133707	002153707	232	6/54
2	400		002133708	002153708	232	6/54
4	400		002133710	002153710	232	6/54
6	400	002123712	002133712	002153712	227	6/54
10	400	002123714	002133714	002153714	227	6/54
13	400	002123715	002133715	002153715	227	6/54
16	400	002123716	002133716	002153716	227	6/54
20	400	002123717	002133717	002153717	227	6/54
25	400	002123718	002133718	002153718	227	6/54
32	400	002123719	002133719	002153719	227	6/54
40	400	002123720	002133720	002153720	227	6/54

Note: Packaging for all products with characteristic D is 1/54.





3-pole						
I _n [A]	U _n [V]	code No. B	code No. C	code No. D	weight [g]	packaging [pcs]
0,5	400		002135701	002155701	354	4/36
1	400		002135704	002155704	354	4/36
1,6	400		002135707	002155707	354	4/36
2	400		002135708	002155708	354	4/36
4	400		002135710	002155710	354	4/36
6	400	002125712	002135712	002155712	345	4/36
10	400	002125714	002135714	002155714	345	4/36
13	400	002125715	002135715	002155715	345	4/36
16	400	002125716	002135716	002155716	345	4/36
20	400	002125717	002135717	002155717	345	4/36
25	400	002125718	002135718	002155718	345	4/36
32	400	002125719	002135719	002155719	345	4/36
40	400	002125720	002135720	002155720	345	4/36

Note: Packaging for all products with characteristic D is 1/36.



3-pole + N						
I _n [A]	U _n [V]	code No. B	code No. C	code No. D	weight [g]	packaging [pcs]
0,5	400		002136701	002156701	469	3/27
1	400		002136704	002156704	469	3/27
1,6	400		002136707	002156707	469	3/27
2	400		002136708	002156708	469	3/27
4	400		002136710	002156710	469	3/27
6	400	002126712	002136712	002156712	459	3/27
10	400	002126714	002136714	002156714	459	3/27
13	400	002126715	002136715	002156715	459	3/27
16	400	002126716	002136716	002156716	459	3/27
20	400	002126717	002136717	002156717	459	3/27
25	400	002126718	002136718	002156718	459	3/27
32	400	002126719	002136719	002156719	459	3/27
40	400	002126720	002136720	002156720	459	3/27

Note: Packaging for all products with characteristic D is 1/27.

Miniature circuit breaker ETIMAT 10

Rated short-circuit capacity
10 kA

Rated current
50, 63 A

Tripping characteristics
B, C



1-pole				
I _n [A]	code No. B	code No. C	weight [g]	packaging [pcs]
50	002121726	002131726	120	12/108
63	002121727	002131727	120	12/108

2-pole				
I _n [A]	code No. B	code No. C	weight [g]	packaging [pcs]
50	002123726	002133726	240	6/54
63	002123727	002133727	240	6/54

Miniature circuit breakers

3-pole

I_n [A]	code No. B	code No. C	weight [g]	packaging [pcs]
50	002125726	002135726	360	4/36
63	002125727	002135727	360	4/36

3-pole + N

I_n [A]	code No. B	code No. C	weight [g]	packaging [pcs]
50	002126726	002136726	456	3/27
63	002126727	002136727	456	3/27



Miniature circuit breaker ETIMAT 10

Rated short-circuit capacity
15, 20 kA

Rated current
80 - 125 A

Tripping characteristics
C, D

1-pole

I_n [A]	code No. C	code No. D	weight [g]	packaging [pcs]
80	002131731	002151731	231	2/72
100	002131732	002151732	231	2/72
125	002131733		231	2/72

2-pole

I_n [A]	code No. C	code No. D	weight [g]	packaging [pcs]
80	002133731	002153731	466	1/36
100	002133732	002153732	466	1/36
125	002133733		466	1/36

3-pole

I_n [A]	code No. C	code No. D	weight [g]	packaging [pcs]
80	002135731	002155731	696	1/18
100	002135732	002155732	696	1/18
125	002135733		696	1/18

3-pole + N

I_n [A]	code No. C	code No. D	weight [g]	packaging [pcs]
80	002136731	002156731	860	1/18
100	002136732	002156732	860	1/18
125	002136733		860	1/18



Miniature circuit breaker ETIMAT 10 DC

Rated short-circuit capacity
6 kA

Rated current
0,5 - 63 A

Tripping characteristic
B, C

Application: Miniature circuit breakers ETIMAT DC are used for protection of conductors in direct current electric circuits. 1-pole circuit breakers are used for voltages up to 220 V d.c. and for higher voltages (up to 440 V d.c.) 2-pole circuit breakers with poles connected in a series. When connecting the MCB ETIMAT DC man must pay attention to polarity. If connected in a wrong way, the MCB can be destroyed. You cannot use two 1-pole MCBs instead of one 2-pole MCB.



1-pole					
I_n [A]	U_n [V]	code No. B	code No. C	weight [g]	packaging [pcs]
0,5	220		002137701	115	1/12
1	220		002137704	115	1/12
1,6	220		002137707	115	1/12
2	220		002137708	115	1/12
4	220		002137710	115	1/12
6	220	002127712	002137712	119	1/12
10	220	002127714	002137714	119	1/12
13	220	002127715	002137715	119	1/12
16	220	002127716	002137716	119	1/12
20	220	002127717	002137717	119	1/12
25	220	002127718	002137718	119	1/12
32	220	002127719	002137719	119	1/12
40	220	002127720	002137720	119	1/12
50	220	002127721	002137721	119	1/12
63	220	002127722	002137722	119	1/12



2-pole					
I_n [A]	U_n [V]	code No. B	code No. C	weight [g]	packaging [pcs]
0,5	220/440		002138701	232	1/54
1	220/440		002138704	232	1/54
1,6	220/440		002138707	232	1/54
2	220/440		002138708	232	1/54
4	220/440		002138710	232	1/54
6	220/440	002128712	002138712	227	1/54
10	220/440	002128714	002138714	227	1/54
13	220/440	002128715	002138715	227	1/54
16	220/440	002128716	002138716	227	1/54
20	220/440	002128717	002138717	227	1/54
25	220/440	002128718	002138718	227	1/54
32	220/440	002128719	002138719	227	1/54
40	240/440	002128720	002138720	227	1/54
50	240/440	002128721	002138721	227	1/54
63	240/440	002128722	002138722	227	1/54

Accessories for ETIMAT 6, ETIMAT 10 (0,5 - 40 A) and ETIMAT 10 DC

PS ETIMAT is an auxiliary switch used for remote signalling of the MCB to which it is fixed. PS ETIMAT may also be fixed later of the state. Clamps are safe to touch. External dimensions comply with MCB, built-in width is 0,5 module (9 mm). During fitting, the MCB must be switched off.

Auxiliary switch PS ETIMAT 10

code No.	type	contacts	weight [g]	packaging [pcs]
002159031	PS ETIMAT 10 - MD	NO + NC	35	1/12
002159032	PS ETIMAT 10 - M	1 x NO	30	1/12
002159033	PS ETIMAT 10 - D	1 x NC	30	1/12



DA ETIMAT shunt trip release is fixed to the right side of the miniature circuit breaker ETIMAT for remote release of the MCB. Dimensions correspond to those of MCB ETIMAT.

Shunt trip release DA ETIMAT 10

	code No.	weight [g]	packaging [pcs]
DA ETIMAT 10 230 V AC/DC	002159301	110	1/54
DA ETIMAT 10 48 V AC/DC	002159311	110	1/54
DA ETIMAT 10 24V AC/DC	002159312	110	1/54

**ETIMAT terminal cover**

code No.	weight [g]	packaging [pcs]
002159011	2	12

**Sealing piece ETIMAT 10**

code No.	weight [g]	packaging [pcs]
002159041	2	12





Marking cover ETIMAT 10

code No.	packaging [pcs]
002159051	12

Accessories for ETIMAT 10 (50 - 63 A)



Auxiliary switch PSM 50/63

code No.	weight [g]	packaging [pcs]
002159131	50	1/12

Accessories for ETIMAT 10 (80 - 125 A)



Shunt trip release DA ETIMAT 80/125 110 - 415V

code No. B	weight [g]	packaging [pcs]
002159321	173	1/54

Auxiliary switch PSM 80/125

code No. B	weight [g]	packaging [pcs]
002159121	62	1/12

Current limiter OSP-10

Rated short-circuit capacity
10 kA

Rated current
6 - 63 A

Rated voltage
230/400 V

1-pole

I_n [A]	code No.	weight [g]	packaging [pcs]
6	002181009	115	12/108
10	002181011	115	12/108
16	002181016	115	12/108
20	002181013	115	12/108
25	002181014	115	12/108
32	002181017	115	12/108
40	002181020	115	12/108
50	002181021	115	12/108
63	002181022	115	12/108

3-pole

I_n [A]	code No.	weight [g]	packaging [pcs]
6	002185009	350	4/36
10	002185011	350	4/36
16	002185016	350	4/36
20	002185013	350	4/36
25	002185014	350	4/36
32	002185017	350	4/36
40	002185019	350	4/36
50	002185021	350	4/36
63	002185022	350	4/36

Application

- Limiting the consumption of electric power based on current overload
- Protection against short circuit.

Dimensions

- A single pole device (width 1 module) – dimensions fit circuit breaker ETIMAT 6 and ETIMAT 10
- Three-pole device: width of 3 modules

Built-in

- Domestic distribution boards (built-in and surface-mounted), it is possible to seal the connecting terminals with special sealing peace.
- Surface-mounted distribution board NE 2 (distribution board width: 2 moduls) for a single pole device
- Surface-mounted distribution board NE 4 (distribution board width: 4 moduls) for three pole device
- Sealing available for both NE 2 and NE 4.

