

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., while 2-pole circuit breakers with poles connected in a series are used for higher voltages (up to 440 V d.c.). When connecting the MCB ETIMAT DC, attention must be paid to polarity as connected in a wrong way the MCB can be destroyed. Note that two 1-pole MCBs cannot be used 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



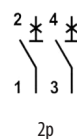
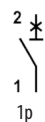
2-pole

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

Miniature circuit breaker ETIMAT 10 DC

Technical data

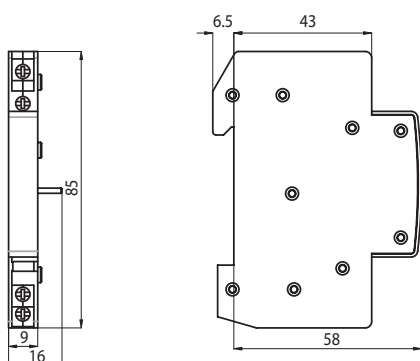
Rated voltage - for 1-pole U_n	220 Vd.c.
- for 2-pole U_n	220 V / 440 Vd.c.
Rated time constant L/R	4 ms
Rated current I_N	0,5 - 63 A
Rated short-circuit capacity	6.000 A
Tripping characteristic	B, C
Energy limiting class	3
Isolating class	B
Back-up fuse	100 A gG
Terminals	1-25mm ² , max. 3Nm
Standards	IEC 60898, EN 60898, DIN VDE 0641



Connecting diagrams in direct current electric circuits

Rated voltage of circuit breaker	220 V ---	220/440 V ---	220/440 V ---	220/440 V ---
Voltage between conductors - max.	220 V ---	440 V ---	440 V ---	440 V ---
Voltage between conductor and earth - max.	220 V ---	220 V ---	440 V ---	220 V ---
Circuit breaker	1-pole	2-pole	2-pole	2-pole
Connecting diagram				

Auxiliary switch PS ETIMAT 10

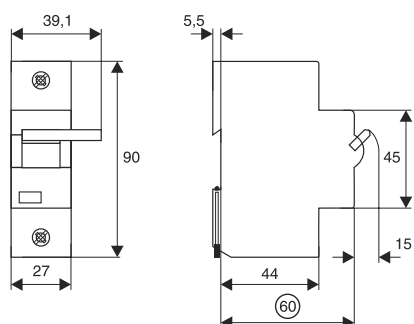


Technical data

Rated current	6 A (230 V a.c.), 1 A (110 V d.c.)
Terminal	1-4mm ²
Contact	1 xb-contact (NC) 1 xa-contact (NO)
Conditional short-circuit current	1 kA with fuse-link 20 A
Standard	EN-62019

PS ETIMAT 10 is an auxiliary switch for ETIMAT 10 0,5-40 A, ETIMAT 10 DC and ETIMAT 6.

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



Technical data

Nominal voltage	110 - 415 V a.c.
Rated frequency	50/60Hz
Max. inrush current	3,6 A
Build-in width	27mm/pole
Mounting on the rail	EN 60715 (EN 50022)

