

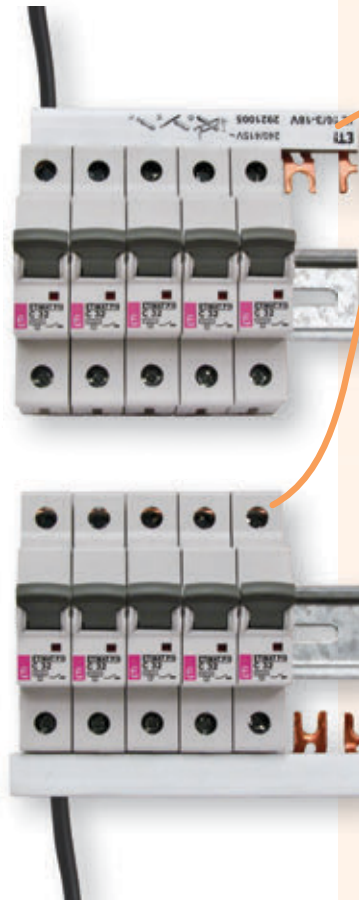
RESIDENTIAL AND COMMERCIAL INSTALLATIONS

ETI provides high-quality and integral solutions for protection of electrical installations in buildings. We supply all kinds of type D, D0 and C fuse-links, as well as MCB's and various types of residual current protection switches from ASTI group. In our sales program you will also find various types of switches and supervision & control devices of EVE group. Very important is also overvoltage protection ETITEC. All together shall be built, of course, into a distribution cabinet DIDO of your choice. The products are internationally certified and carry several quality marks.



NEW ETIMAT P10

High breaking capacity MCB ETIMAT P10



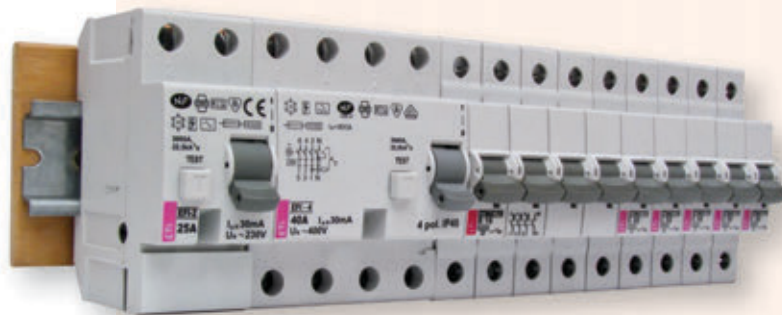
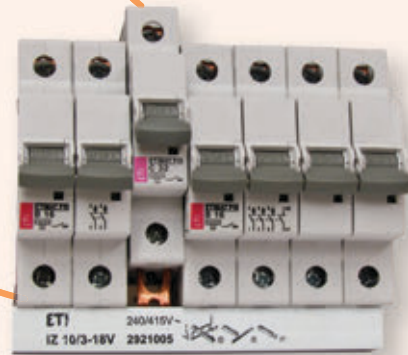
→ Supply possibility:

- top
- bottom

- Double connection possibility
- Every product is marked with EAN Code



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

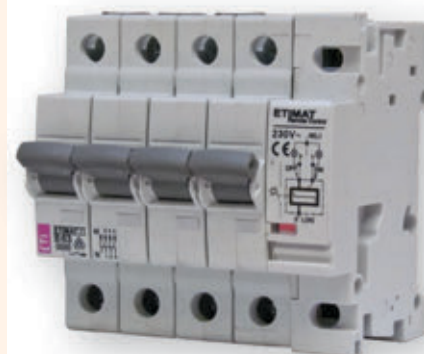


→ Totally renewed, these products replace the ETIMAT 11 series and perfectly integrate with the ASTI product range, starting with identical profile which lends to a coordinated and streamlined look to the installation.

PREMIUM PERFORMANCE MCB
 PRODUCT PERFORMANCE & AUXILIARY
 PRODUCT QUALITY & RELIABILITY
 POWER CONTROL
 PRICE AVAILABILITY

Miniature circuit breakers

3-pole + N					
I_n [A]	U_n [V]	Code No. B	Code No. C	Weight [g]	Packaging [pcs]
6	400	630640108	630641109	500	1/10
10	400	631040101	631041102	488	1/10
13	400	631340100	631341101	488	1/10
16	400	631640109	631641100	488	1/10
20	400	632040102	632041103	488	1/10
25	400	632540107	632541108	488	1/10
32	400	633240109	633241100	488	1/10
40	400	634040104	634041105	524	1/10
50	400	635040105	635041106	524	1/10
63	400	636340105	636341106	524	1/10



Miniature circuit breaker ETIMAT P10-DC

Rated short-circuit capacity 10 kA	Rated current 0,5 - 63 A	Tripping characteristic B, C, K, Z
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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	Code No. K	Code No. Z	Weight [g]	Packaging [pcs]
0,5	220	/	260501107	260503109	260504100	124	12/60
1	220	/	260101105	260103107	260104108	124	12/60
2	220	260200107	260201108	260203100	260204101	124	12/60
3	220	260300100	260301101	260303103	260304104	124	12/60
4	220	260400103	260401104	260403106	260404107	124	12/60
6	220	260600109	260601100	260603102	260604103	124	12/60
10	220	261000102	261001103	261003105	261004106	121	12/60
13	220	261300101	261301102	261303104	261304105	121	12/60
16	220	261600100	261601101	261603103	261604104	121	12/60
20	220	262000103	262001104	262003106	262004107	121	12/60
25	220	262500108	262501109	262503101	262504102	121	12/60
32	220	263200100	263201101	263203103	263204104	121	12/60
40	220	264000105	264001106	/	/	130	12/60
50	220	265000106	265001107	/	/	130	12/60
63	220	266300106	266301107	/	/	130	12/60



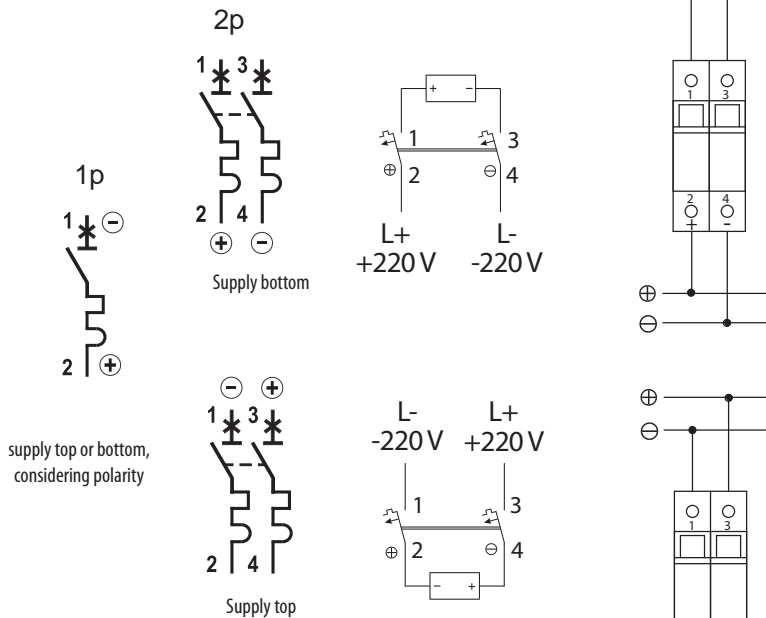
2-pole							
I_n [A]	U_n [V]	Code No. B	Code No. C	Code No. K	Code No. Z	Weight [g]	Packaging [pcs]
0,5	440	/	260521101	260523103	260524104	249	6/30
1	440	/	260121109	260123101	260124102	249	6/30
2	440	260220101	260221102	260223104	260224105	249	6/30
3	440	260320104	260321105	260323107	260324108	249	6/30
4	440	260420107	260421108	260423100	260424101	249	6/30
6	440	260620103	260621104	260623106	260624107	249	6/30
10	440	261020106	261021107	261023109	261024100	245	6/30
13	440	261320105	261321106	261323108	261324109	245	6/30
16	440	261620104	261621105	261623107	261624108	245	6/30
20	440	262020107	262021108	262023100	262024101	245	6/30
25	440	262520102	262521103	262523105	262524106	245	6/30
32	440	263220104	263221105	263223107	263224108	245	6/30
40	440	264020109	264021100	/	/	261	6/30
50	440	265020100	265021101	/	/	261	6/30
63	440	266320100	266321101	/	/	261	6/30



Miniature circuit breaker ETIMAT P10 DC

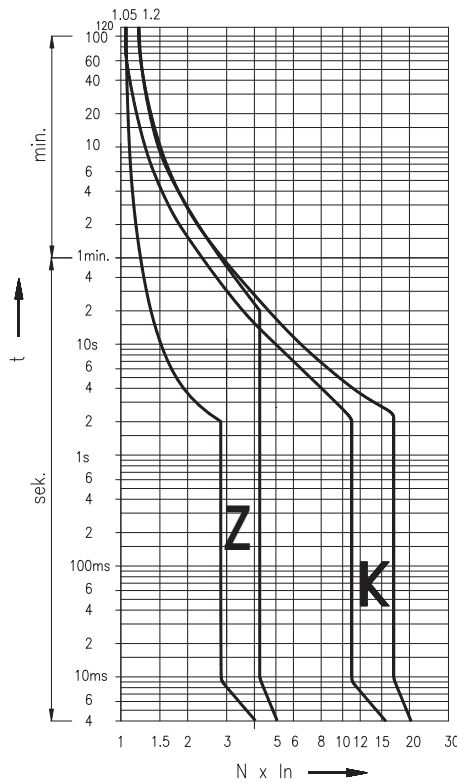
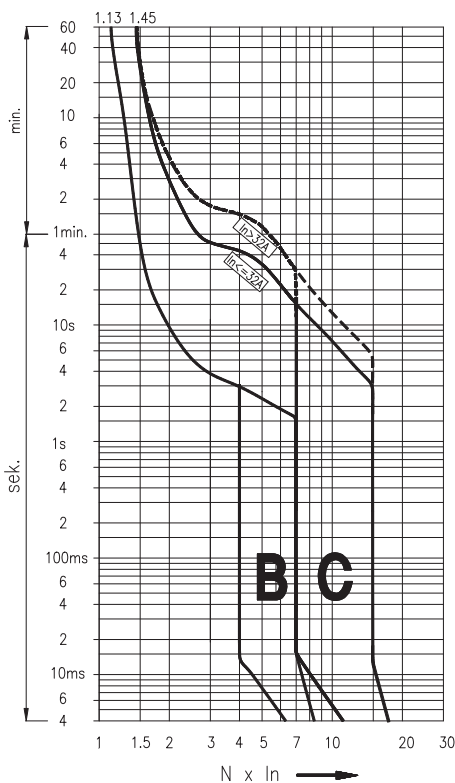
Technical data

Rated voltage - for 1-pole U_n	220 V DC
- for 2-pole U_n	220 V / 440 V DC
Rated time constant L/R	4 ms
Rated current I_n	0,5-32A (K & Z), 0,5-63A (C), 2-63A (B)
Rated short-circuit capacity	10 kA
Tripping characteristic	B, C, K, Z
Energy limiting class	3
Insulating class	B
Back-up fuse	100 A gG
Terminals	1-25mm ² , max. 2,5Nm
Terminal screw	M5 (Poqidrive PZ2)
Mounting position	any
Resistance to vibrations (IEC 60068-2-7)	5g (10,60 & 500Hz)
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				



Conductor cross-section [mm ²]	Number of single conductors, rigid, single-wire CU conductor				
	1	2	3	4	5
1,5	✓	✓	✓	✓	✗
2,5	✓	✓	✓	✗	✗
4	✓	✓	✓	✗	✗
6	✓	✓	✗	✗	✗
10	✓	✓	✗	✗	✗
16	✓	✗	✗	✗	✗
25	✓	✗	✗	✗	✗

Remark: When you use more than 2 cables you have to be careful how those cables are inserted, due to insure proper pressure on each cable

Conductor cross-section [mm ²]	Number of single conductors, flexible Cu conductors without cable ferrule					
	1	2	3	4	5	6
1,5	✓	✓	✓	✓	✓	✓
2,5	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓
6	✓	✓	✗	✗	✗	✗
10	✓	✓	✗	✗	✗	✗
16	✓	✗	✗	✗	✗	✗
25	✓	✗	✗	✗	✗	✗

Combination of rigid single-wire and flexible multi-wire Cu conductors is not allowed