

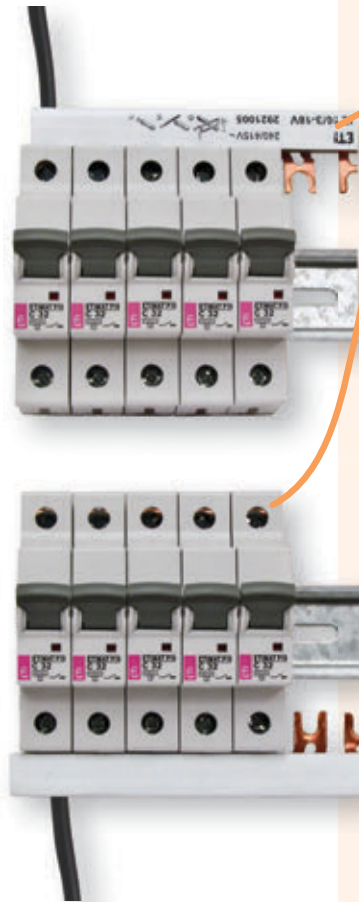
# RESIDENTIAL AND COMMERCIAL INSTALLATIONS

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



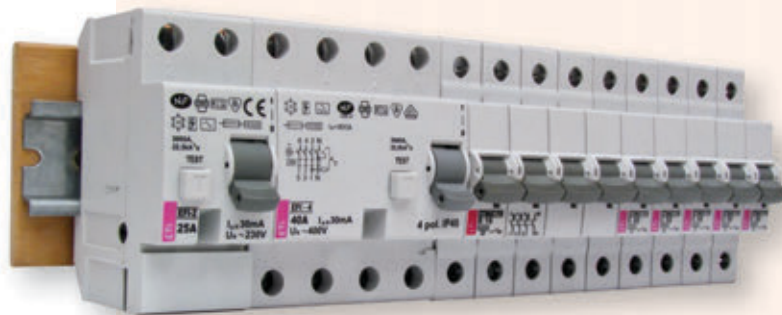
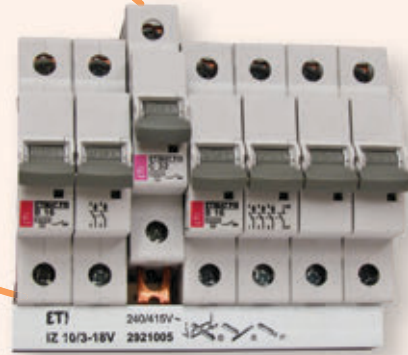
→ Supply possibility:

- top
- bottom

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



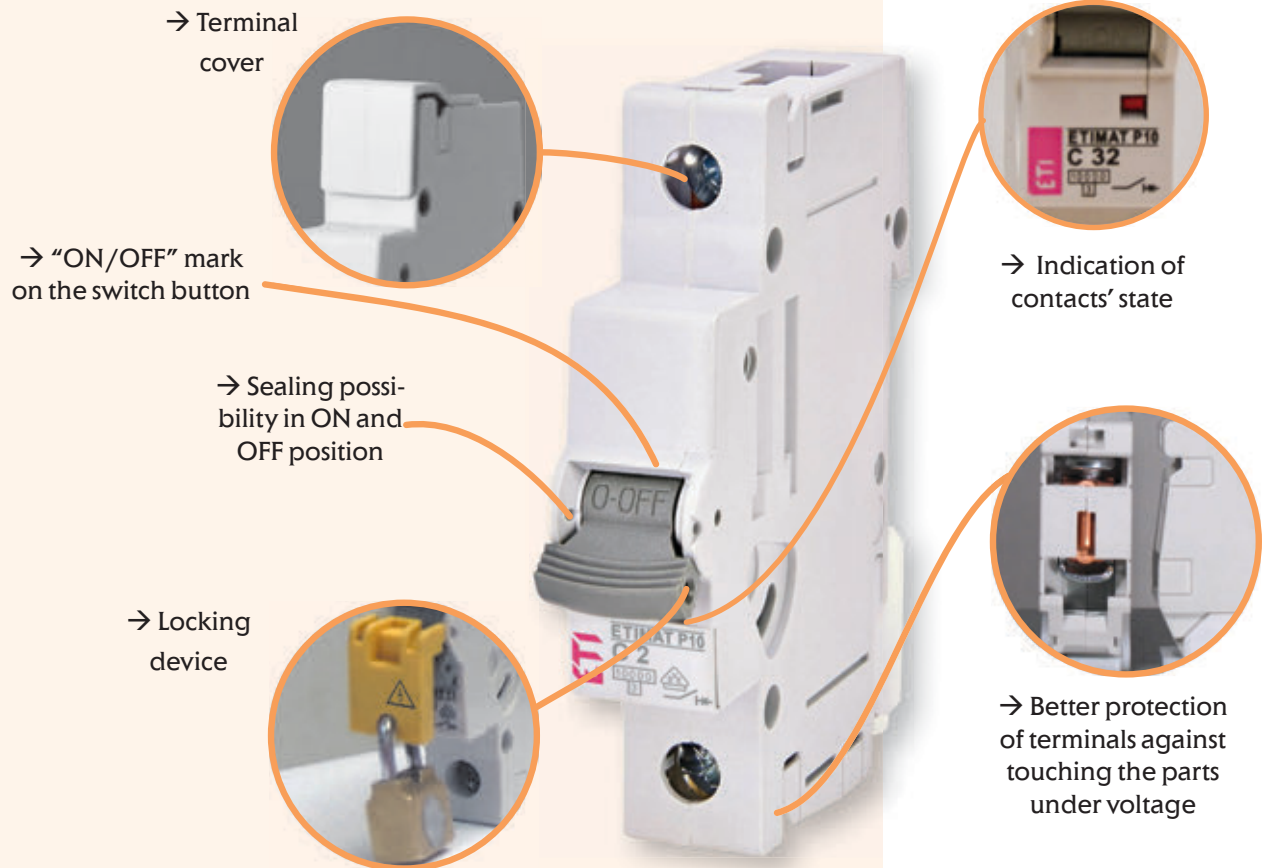
→ New method of mounting on the DIN rail and simple replacement



→ 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

## Other features



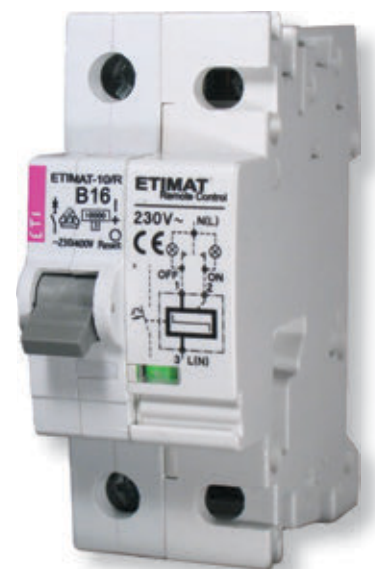
## ETIMAT RC - Remote control

ETIMAT RC is a miniature circuit breaker with remote control mechanism. ETIMAT RC provides following advantages:

- remote switching with simultaneous protection
- minimal space requirement
- straightforward actuation
- can be used as actuator in any installation bus system
- secure against remote activation after manual switch-off and/or being tripped by overcurrent
- control coil protected against thermal overload
- easy installation assured by rapid fastening method
- visual status display : red/ON, green/OFF
- sealable control lever
- capability of adding an auxiliary switch

## Technical Data:

- the remote control mechanism, which serves to actuate ETIMAT RC is connected to MCB ETIMAT 11 by the factory before dispatch
- the remote control mechanism is activated electromagnetically by the application of a control voltage acc. to following data:
- rated voltage: 230V a.c.
- exciting current: approx 1.5A, duration min 20msek
- No. of operations: 20.000 , max 4 per minute



## Miniature circuit breakers

**3-pole**

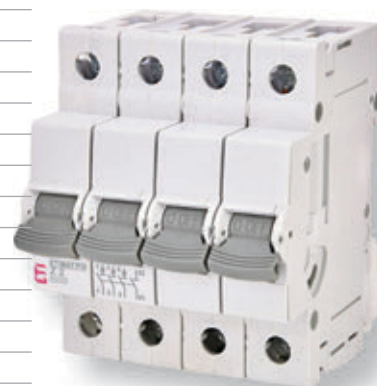
$I_n$ [A]	$U_n$ [V]	Code No. B	Code No. C	Code No. D	Code No. K	Code No. Z	Weight [g]	Packaging [pcs]
0,5	400	/	270531105	270532106	270533107	270534108	377	4/20
1	400	270130102	270131103	270132104	270133105	270134106	377	4/20
2	400	270230105	270231106	270232107	270233108	270234109	377	4/20
3	400	270330108	270331109	270332100	270333101	270334102	377	4/20
4	400	270430101	270431102	270432103	270433104	270434105	377	4/20
6	400	270630107	270631108	270632109	270633100	270634101	377	4/20
10	400	271030100	271031101	271032102	271033103	271034104	367	4/20
13	400	271330109	271331100	271332101	271333102	271334103	367	4/20
16	400	271630108	271631109	271632100	271633101	271634102	367	4/20
20	400	272030101	272031102	272032103	272033104	272034105	367	4/20
25	400	272530106	272531107	272532108	272533109	272534100	367	4/20
32	400	273230108	273231109	273232100	273233101	273234102	367	4/20
40	400	274030103	274031104	/	/	/	393	4/20
50	400	275030104	275031105	/	/	/	393	4/20
63	400	276330104	276331105	/	/	/	393	4/20



The circuit breakers type ETIMAT P10 / 3-pole + N are suitable for use as 4-pole circuit breakers

**3-pole + N**

$I_n$ [A]	$U_n$ [V]	Code No. B	Code No. C	Code No. D	Code No. K	Code No. Z	Weight [g]	Packaging [pcs]
0,5	400	/	270541102	270542103	270543104	270544105	500	3/15
1	400	270140109	270141100	270142101	270143102	270144103	500	3/15
2	400	270240102	270241103	270242104	270243105	270244106	500	3/15
3	400	270340105	270341106	270342107	270343108	270344109	500	3/15
4	400	270440108	270441109	270442100	270443101	270444102	500	3/15
6	400	270640104	270641105	270642106	270643107	270644108	500	3/15
10	400	271040107	271041108	271042109	271043100	271044101	488	3/15
13	400	271340106	271341107	271342108	271343109	271344100	488	3/15
16	400	271640105	271641106	271642107	271643108	271644109	488	3/15
20	400	272040108	272041109	272042100	272043101	272044102	488	3/15
25	400	272540103	272541104	272542105	272543106	272544107	488	3/15
32	400	273240105	273241106	273242107	273243108	273244109	488	3/15
40	400	274040100	274041101	/	/	/	524	3/15
50	400	275040101	275041102	/	/	/	524	3/15
63	400	276340101	276341102	/	/	/	524	3/15


**Miniature circuit breaker ETIMAT P10-QC (Quick Connect)**

 Rated short-circuit capacity  
**10 kA**

 Rated current  
**0,5 - 20 A**

 Tripping characteristic  
**B, C, D, K**
**1-pole**

$I_n$ [A]	$U_n$ [V]	Code No. B	Code No. C	Code No. D	Code No. K	Weight [g]	Packaging [pcs]
0,5	230/400	/	290501108	290502109	290503100	124	12/60
1	230/400	/	290101106	290102107	290103108	124	12/60
2	230/400	/	290201109	290202100	290203101	124	12/60
4	230/400	/	290401105	290402106	290403107	124	12/60
6	230/400	290600100	290601101	290602102	290603103	124	12/60
10	230/400	291000103	291001104	291002105	291003106	121	12/60
13	230/400	291300102	291301103	291302104	291303105	121	12/60
16	230/400	291600101	291601102	291602103	291603104	121	12/60
20	230/400	292000104	292001105	292002106	292003107	121	12/60



Resistance and power loss

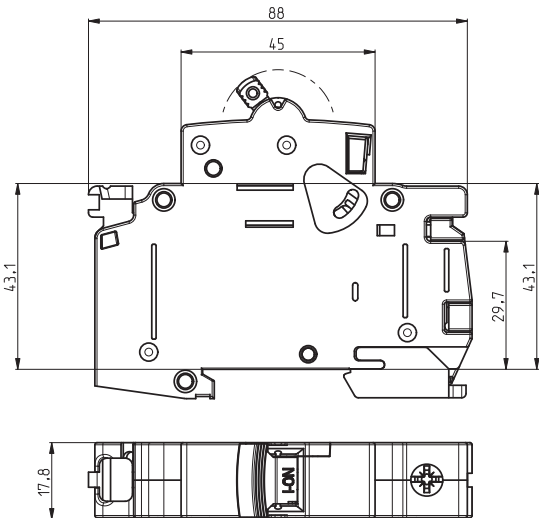
characteristic	I <sub>n</sub> [A]	R [mΩ]	P [w]
C, D, K, Z	0,5	5700	1,43
	1	1540	1,54
	2	365	1,46
	4	104	1,66
B, C, D, K, Z	6	47	1,68
	10	21	2,1
	13	13,1	2,21
	16	9,7	2,48
	20	6,8	2,70
	25	5,0	3,13
B, C	32	3,1	3,2
	40	2,4	3,80
	50	1,7	4,25
	63	1,23	4,90

Selectivity

type	gG NV [kA]										
	20	25	32	35	40	50	63	80	100	125	160
B 6	0,5	0,78	1,2	1,4	1,7	2,4	4,6	7,0	10	10	10
B 10/13	0,45	0,65	1,1	1,3	1,6	2,2	4,0	6,5	10	10	10
B 16		0,55	1,0	1,2	1,5	2,0	3,6	5,5	9,5	10	10
B 20			0,85	1,2	1,5	1,8	3,1	4,6	9,0	10	10
B 25				1,1	1,4	1,7	2,9	4,0	8,0	10	10
B 32					1,3	1,6	2,5	3,4	5,5	9,0	10
B 40						1,5	2,2	3,1	4,9	8,0	10
B 50							2,1	2,9	4,0	6,2	10
B 63								2,5	3,3	5,1	8,0

type	gG NV [kA]										
	20	25	32	35	40	50	63	80	100	125	160
C,D,K,Z 6	0,52	0,82	1,3	1,5	2,0	2,7	5,1	9,0	10	10	10
C,D,K,Z 10/13	0,47	0,70	1,1	1,4	1,8	2,3	4,0	7,0	10	10	10
C,D,K,Z 16		0,61	0,92	1,2	1,5	1,9	3,2	5,0	9,0	10	10
C,D,K,Z 20			0,90	1,1	1,4	1,7	2,9	4,2	8,0	10	10
C,D,K,Z 25				1,0	1,3	1,6	2,7	3,9	6,0	10	10
C,D,K,Z 32					1,2	1,5	2,3	3,4	5,2	9,0	10
C 40						1,4	2,1	3,0	4,6	8,0	10
C 50							2,0	2,7	3,8	7,0	10
C 63								2,3	3,2	5,5	9,0

Miniature circuit breaker ETIMAT P10 QC (screwless terminal)



Technical data	
Rated voltage	230/400 V AC; max. 60 V DC
Rated current	B:6-20A, C:0.5-20A, D:0.5-20A, K:0.5-20A
Rated frequency	50/60Hz
Shock resistance	30g.min. 2 shocks, t = 13ms
Rated short-circuit capacity	10 kA
Energy limiting class	3; B,C
Tripping characteristic	B, C, D, K
Back-up fuse	100A gG
Index of protection	IP 20 (IP 40)
Terminals	1-4mm <sup>2</sup>
Mechanical endurance	20000 op.c.
Electrical endurance	20000 op.c.
Ambient temperature	max. -25°C to +55°C
Storage temperature	max. -40°C to +70°C
Build-in width	18 mm/pol
Insulating class	B
Mounting on the rail	EN 60715
Mounting position	any
Sealing possibility	✓
Terminal cover	✓
Locking device	✓
Resistance to vibrations acc. to IEC 60068-2-7	5g (10,60 & 500Hz)
Standards	EN 60898, IEC 60898, EN 60947-2

