

Miniature circuit breakers

Undervoltage release UA ETIMAT P10

Type	Code No.	Weight [g]	Packaging [pcs]
UA ETIMAT P10/ 230 V	782520101	96,1	1/12
UA ETIMAT P10 / 48V	780620102	96,1	1/12



Miniature circuit breaker ETIMAT10 80 -125A

Rated short-circuit capacity
15, 20 kA

Rated current
80 - 125 A

Tripping characteristics
B, C, D

1-pole

I_n [A]	Code No. B	Code No. C	Code No. D	Weight [g]	Packaging [pcs]
80	002121731	002131731	002151731	231	2/72
100	002121732	002131732	002151732	231	2/72
125	002121733	002131733		231	2/72

2-pole

I_n [A]	Code No. B	Code No. C	Code No. D	Weight [g]	Packaging [pcs]
80	002123731	002133731	002153731	466	1/36
100	002123732	002133732	002153732	466	1/36
125	002123733	002133733		466	1/36

3-pole

I_n [A]	Code No. B	Code No. C	Code No. D	Weight [g]	Packaging [pcs]
80	002125731	002135731	002155731	696	1/18
100	002125732	002135732	002155732	696	1/18
125	002125733	002135733		696	1/18



**3-pole + N**

I_n [A]	Code No. B	Code No. C	Code No. D	Weight [g]	Packaging [pcs]
80	002126731	002136731	002156731	860	1/14
100	002126732	002136732	002156732	860	1/14
125	002126733	002136733		860	1/14

4-pole

I_n [A]	Code No. B	Code No. C	Code No. D	Weight [g]	Packaging [pcs]
80	002127731	002137731	-	930	1/14
100	002127732	002137732	-	930	1/14
125	002127733	002137733	-	930	1/14

Accessories for ETIMAT10 80 - 125A**Shunt trip release DA ETIMAT 80/125**

Type	Code No.	Weight [g]	Packaging [pcs]
DA ETIMAT 80/125 12-60V AC/DC	002159320	173	1/54
DA ETIMAT 80/125 110-415V	002159321	173	1/54

Auxiliary switch PSM 80/125

Code No.	Weight [g]	Packaging [pcs]
002159121	62	1/12

Technical data

Auxiliary signal switch PS/SS E P10

Technical data

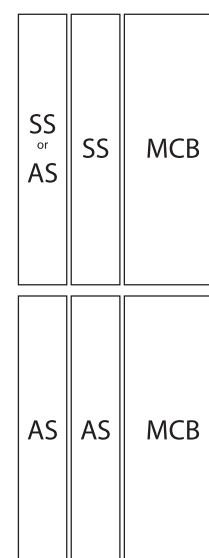
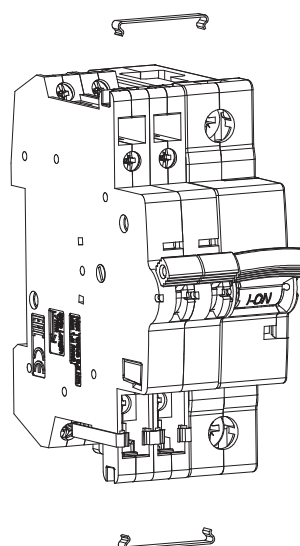
Function	Auxiliary or Signal Switch
Rated voltage	230V AC/DC, 110V DC
Rated current	6A (230V AC); 1A (110V DC); 0,5A (220V DC)
Rated frequency	50/60Hz, DC
Index of protection	IP 20 (IP 40)
Terminal capacity	1,5mm ²
Terminal Screw	M3 PH1
Terminal torque	max 0,5Nm
Ambient temperature	-25°C to +40°C
Storage temperature	-40°C to +70°C
Contacts	1x NC, 1x NC/NO
Mounting position	any
Standards	EN 62019



AUX switch connections	status of the breaker	
	ON	OFF
11-14 NO	1	0
11-12 NC	0	1
21-22 NC	0	1

Signal switch connections	status of the breaker		
	ON	manual trip	overcurrent trip
11-14 NO	1	1	0
11-12 NC	0	0	1
21-22 NC	0	0	1

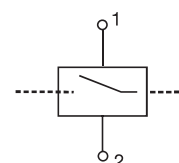
NO - Normally open contact --> during the activation it makes a contact
 NC - Normally closed contact --> during the activation it brakes the contact
 1 - contact
 0 - without a contact



Shunt trip release DA ETIMAT P10

Technical data

Rated voltage	12-60V AC/DC, 110-250V AC/DC
Rated frequency	50/60Hz, DC
Max inrush current	3A
Index of protection	IP 20 (IP 40)
Terminals	1-25mm ² , max. 2,5Nm
Ambient temperature	M5 (Pozidrive PZ2)
Terminal screw	max. 35°C
Storage temperature	max. -40°C to +70°C
Mounting on the rail	EN 60715
Mounting position	any
Sealing possibility	✓
Terminal cover	✓
Locking device	✓

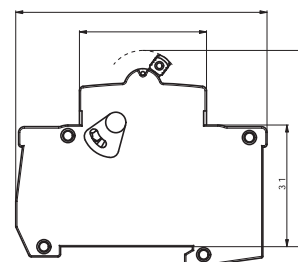


Note: Same dimensions as ETIMAT P10

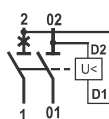
Undervoltage release UA ETIMAT P10

Technical data

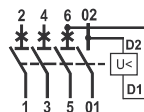
Type	UA ETIMAT P10/48V	UA ETIMAT P10/230V
Rated voltage	48V	230V
Rated frequency	50/60Hz	
Tripping area	$<35\% U_n$ tripping $35\%-70\% U_n$ tripping or no tripping $>70\% U_n$ no tripping	
Consumption	3,8 VA	
Build-in width	18 mm	
Mounting position	any	
Standards	IEC/EN 60947-1	



1p



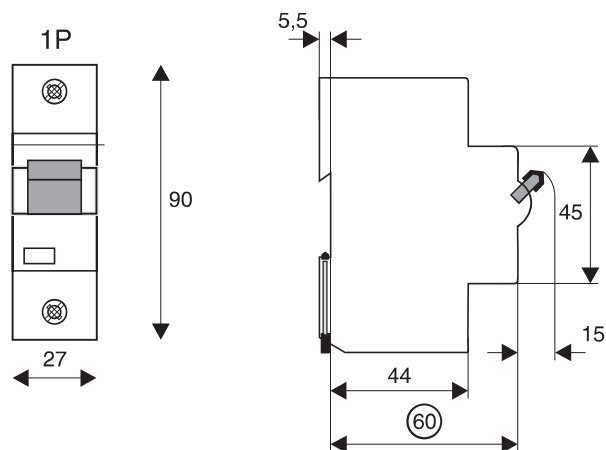
3p



Miniature circuit breaker ETIMAT 10 80-125 A

Technical data

Rated voltage	80-125 A	230/400V AC, 60V DC/pole
Rated current	80, 100, 125 A	
Tripping characteristics	B, C, D	
Rated frequency	50/60 Hz	
Rated insulation voltage	440V AC (80-125A)	
Rated impulse withstand voltage U_{imp}	4kV (80-125A)	
Rated short-circuit capacity:	Characteristic B, C	$I_n=80, 100 A$ 20kA (EN 60947-2)
		$I_n=125 A$ 15kA (EN 60947-2)
	Characteristic D	$I_n=80 A$ 20kA (EN 60947-2)
		$I_n=100 A$ 15kA (EN 60947-2)
Energy limiting class	3	
Terminals	80-125 A	2,5-50mm ²
Build-in width	80-125 A	27mm/Pol
Mounting on the rail	EN 60715 (EN 50022)	
Mounting position	any	
Mechanical durability (cycles)	80-125 A	min. 20000
Sealing possibility	ON / OFF	
Resistance to vibrations (IEC 60068-2-7)	5g (10,60 & 500Hz)	
Standards	EN 60898, EN 60947-2	

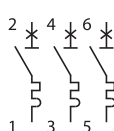


ETIMAT 10, 80-125 A,

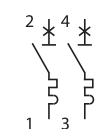
1P



3P



2P



3P+N

