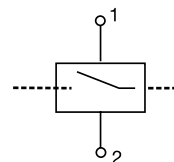


DA ETIMAT P6/P10 shunt trip release is fixed to the right side of the miniature circuit breaker ETIMAT P6/P10 for remote release of the MCB. Dimensions correspond to those of MCB ETIMAT P6/P10.

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 , min 1,4Nm / max 2,5Nm
Terminal screw	M5 (Pozidrive PZ2)
Ambient temperature	-40°C ... +70°C
Storage temperature	-60°C ... +70°C
Mounting on the rail	EN 60715
Mounting position	any
Sealing possibility	✓
Terminal cover	✓
Locking device	✓



Note: Same dimensions as ETIMAT P10



Shunt trip release DA ETIMAT P6/P10

Type	Code No.		
DA ETIMAT P6/P10 12-60V AC/DC	001908411	110	1/54
DA ETIMAT P6/P10 110-250V AC/DC	001908412	110	1/54
DA ETIMAT P10/R 12-60V AC/DC	001908413	110	1/54
DA ETIMAT P10/R 110-250V AC/DC	001908414	110	1/54

Miniature circuit breaker ETIMAT 10 80 -125A

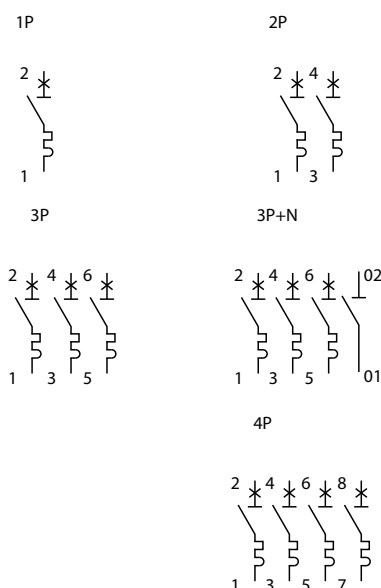
Rated short-circuit capacity
15, 20 kA

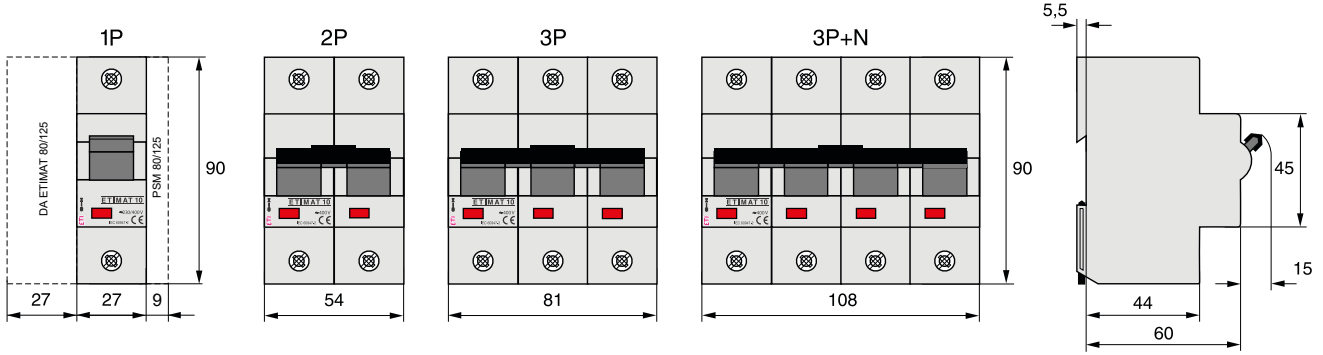
Rated current
80 - 125 A

Tripping characteristics
B, C, D

Technical data

Rated voltage	80-125 A	240/415V 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 / 2,5-3,0 Nm
Build-in width	80-125 A	27mm/Pol
Terminal screw	M6 PZ2	
Mounting on the rail	EN 60715 (EN 50022)	
Mounting position	any	
Ambient temperature	max -30°C ... +50°C	
Storage temperature	max -50°C ... +70°C	
Mechanical durability (cycles)	80-125 A	min. 20000
Sealing possibility	ON / OFF	
Back-up fuse	max 200A gL	
Resistance to vibrations (IEC 60068-2-7)	5g (10,60 & 500Hz)	
Standards	EN 60898, EN 60947-2	





1-pole

I_n [A]	Type B	Code No. B	Type C	Code No. C	Type D	Code No. D	g	Box
80	ETIMAT 10 1p B 80	002121731	ETIMAT 10 1p C 80	002131731	ETIMAT 10 1p D 80	002151731	231	2/72
100	ETIMAT 10 1p B 100	002121732	ETIMAT 10 1p C 100	002131732	ETIMAT 10 1p D 100	002151732	231	2/72
125	ETIMAT 10 1p B 125	002121733	ETIMAT 10 1p C 125	002131733	/	/	231	2/72

2-pole

I_n [A]	Type B	Code No. B	Type C	Code No. C	Type D	Code No. D	g	Box
80	ETIMAT 10 2p B 80	002123731	ETIMAT 10 2p C 80	002133731	ETIMAT 10 2p D 80	002153731	466	1/36
100	ETIMAT 10 2p B 100	002123732	ETIMAT 10 2p C 100	002133732	ETIMAT 10 2p D 100	002153732	466	1/36
125	ETIMAT 10 2p B 125	002123733	ETIMAT 10 2p C 125	002133733	/	/	466	1/36

3-pole

I_n [A]	Type B	Code No. B	Type C	Code No. C	Type D	Code No. D	g	Box
80	ETIMAT 10 3p B 80	002125731	ETIMAT 10 3p C 80	002135731	ETIMAT 10 3p D 80	002155731	696	1/18
100	ETIMAT 10 3p B 100	002125732	ETIMAT 10 3p C 100	002135732	ETIMAT 10 3p D 100	002155732	696	1/18
125	ETIMAT 10 3p B 125	002125733	ETIMAT 10 3p C 125	002135733	/	/	696	1/18

3-pole + N

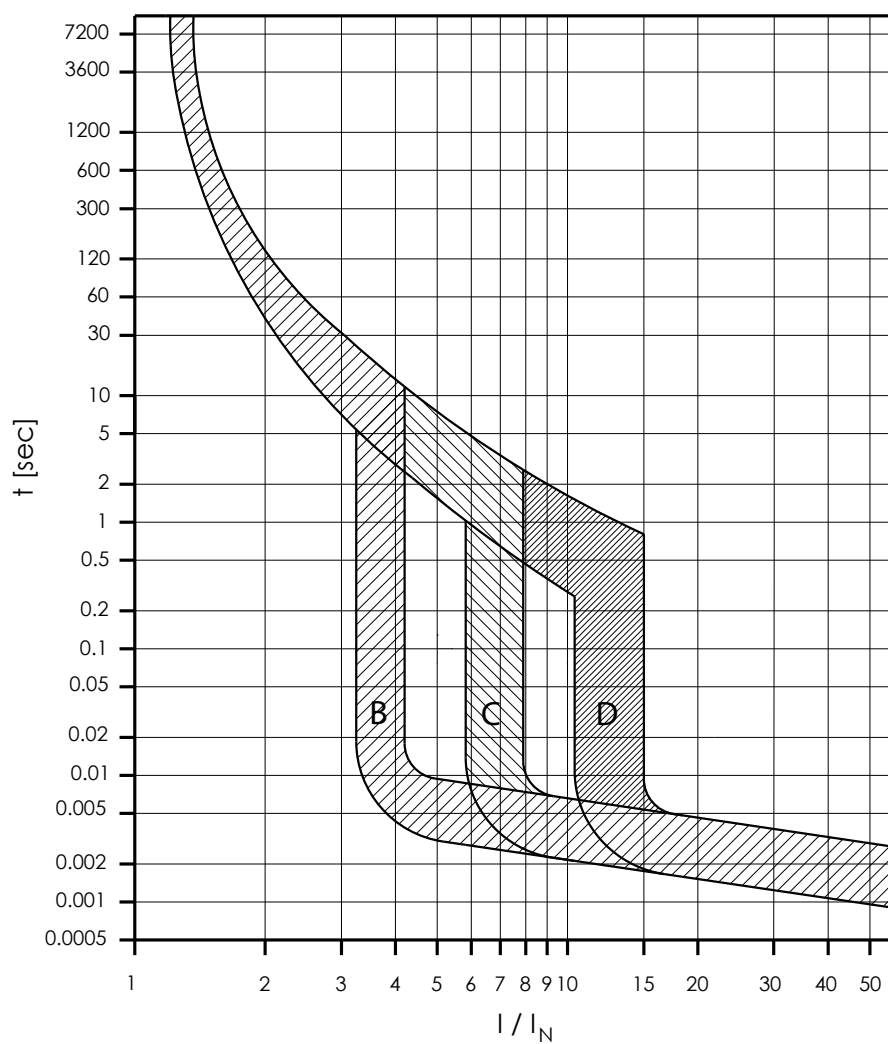
I_n [A]	Type B	Code No. B	Type C	Code No. C	Type D	Code No. D	g	Box
80	ETIMAT 10 3p+N B 80	002126731	ETIMAT 10 3p+N C 80	002136731	ETIMAT 10 3p+N D 80	002156731	860	1/14
100	ETIMAT 10 3p+N B 100	002126732	ETIMAT 10 3p+N C 100	002136732	ETIMAT 10 3p+N D 100	002156732	860	1/14
125	ETIMAT 10 3p+N B 125	002126733	ETIMAT 10 3p+N C 125	002136733	/	/	860	1/14

4-pole

I_n [A]	Type B	Code No. B	Type C	Code No. C	g	Box
80	ETIMAT 10 4p B 80	002127731	ETIMAT 10 4p C 80	002137731	930	1/14
100	ETIMAT 10 4p B 100	002127732	ETIMAT 10 4p C 100	002137732	930	1/14
125	ETIMAT 10 4p B 125	002127733	ETIMAT 10 4p C 125	002137733	930	1/14



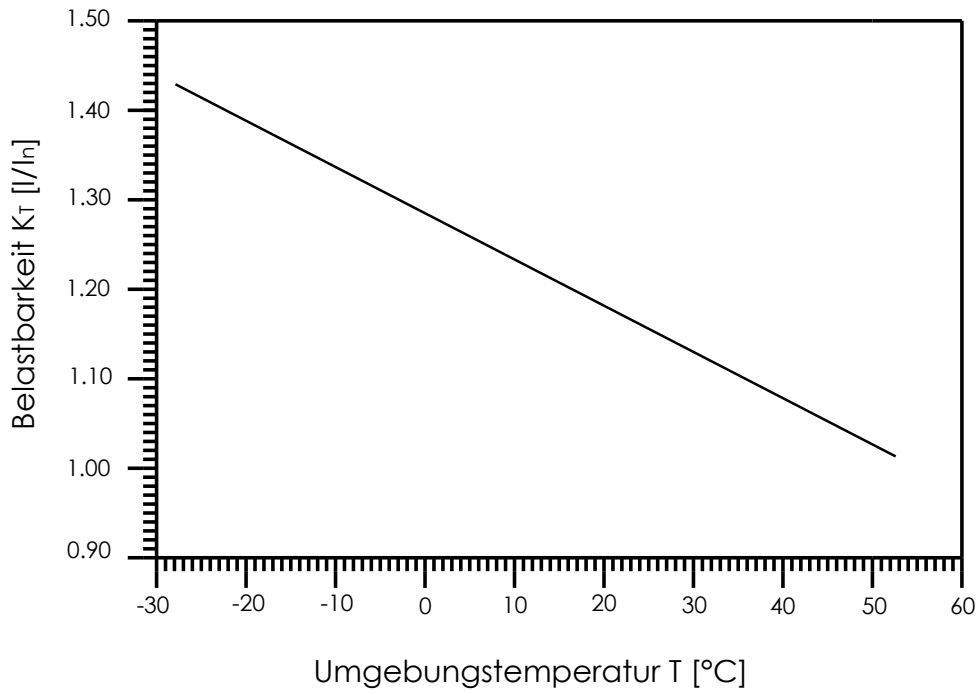
Time current characteristics I/t at 50 and 60Hz, ETIMAT 10 80 -125A



Resistance and power dissipation

characteristic	I_n [A]	R/pole [mΩ]	P/pole [w]
	80	1,2	7,1
B, C, D	100	0,9	9,1
	125	0,66	11,9

Effect of the ambient temperature (°C) K_T on the tripping characteristics of ETIMAT 10 80 -125A



Zulässige Dauerbelastung I_L bei Umgebungstemperatur T: $I_L(T) = I_n K_T(T)$

Accessories for ETIMAT10 80 - 125A

Technical data

Rated current	6 A / AC13 (250 V AC)
Rated thermal current I_{th}	8 A
Rated insulation voltage	440 V AC
Max. back-up fuse	6A
Contacts	1x a-contact, 1x b-contact
Utilization category AC-13	6 A/250 V AC
	2 A/440 V AC
Utilization category DC-13	4 A/600 V DC
	2 A/110 V DC
	0,5 A/230 V DC
Ambient temperature	max -5°C ... +40°C
Build-in width	9 mm/Pol
Mounting position	any
Mounting on the rail	EN 60715 (EN 50022)
Terminals	1x1mm ² ... 2x2,5mm ²
Standard	EN 60947-5-1

