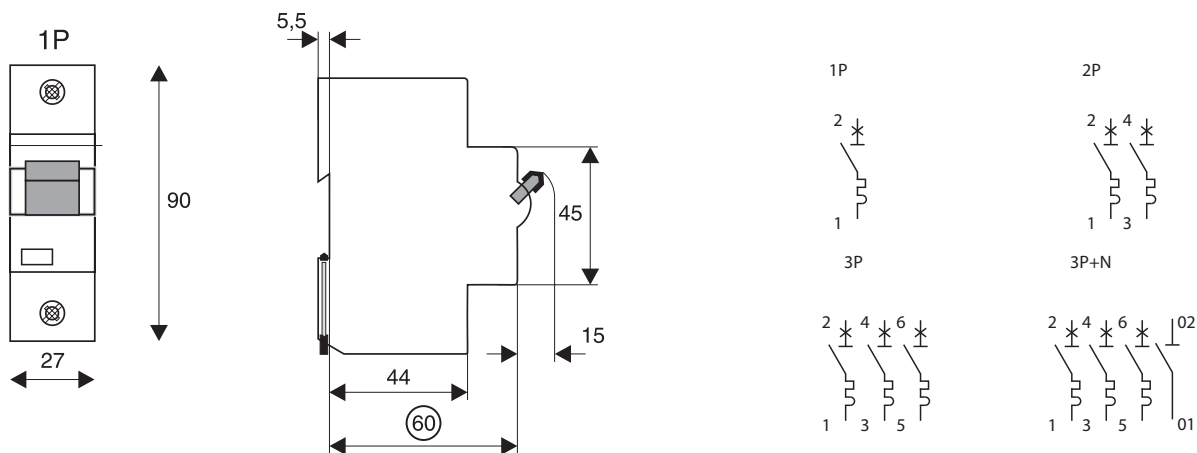


Miniature circuit breaker ETIMAT 10 80-125 A

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		

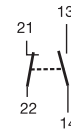
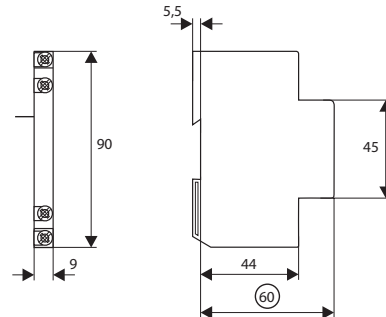


ETIMAT 10, 80-125 A,

Technical data

Auxiliary switch PSM 80 - 125 A

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
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



Shunt trip release DA ETIMAT 10 80 - 125A

Technical data	24V		230V	
	Responding limit	8 V AC / 11 V DC		70 V AC / 90 V DC
Operating voltage range	12 V...60 V AC / DC		110 V...415 V AC / 110 V...230 V DC	
Max. current consumption at the moment of switching on	18 A (24 V)		2 A (230 V)	
Duration of current flow at max consumption	4,5 ms (AC) / 2 ms (DC)		4,5 ms (AC) / 4 ms (DC)	
Minimum pulse duration	15 ms		10 ms	
Internal resistance	2,0 Ω		130 Ω	
Duty	100 %			
Tripping time	< 20 ms			
Peak withstand voltage	2 kV			
Service live operating cycles	> 4000			
Upper / lower terminals	lift / lift			
Conductor cross section	2,5 mm ² ... 50 mm ²			

