125AF MCCB
ABS125e, ABS125c



ABS103e



ABS104e

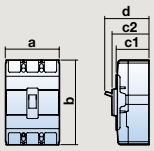


ABS103c



ABS104c

Ratings

Frame size			125AF	
Type and Pole			S-Type	
	3-pole		ABS103c	
	4-pole		ABS104c	
Rated current, In			16, 20, 25, 32, 40, 50, 63, 80, 100, 125	
Aujustable range			0.7 ...1 × In	
Rated operational voltage, Ue			AC: 415V	
Rated insulation voltage, Ui			AC: 750V	
Rated impulse withstand voltage, Uimp			8kV	
Rated short-circuit breaking capacity, Icu			S-Type	
	415V		37kA	
	220/240V		85kA	
Protective function			Overload, Short-circuit	
Type of trip unit			Thermal-Magnetic	
Magnetic trip range			12×In (32A and under: 400A)	
Endurance	Mechanical		25,000 operations	
	Electrical		10,000 operations	
Connection	Standard		Front connection	
Mounting	Standard		Screw fixing	
Dimensions (mm) 		Pole	3p	4p
		a	90	120
		b	155	
		c1 Note)1	60	
		c2 Note)1	64	
		d	82	
Weight, kg		Standard	1	
Certification		Pole	3p	4p
CE marking		CE	○	

Note) 1. Depth by door cut size: c1 for large cut, c2 for small cut
2. 4-Pole product's ampacity on neutral conductor is equal to or less than 50% of the rated current.
3. Adjustable range of 16A MCCB : 0.8~1×In

For more information

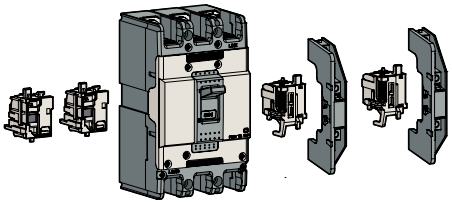
- Accessories ▶ 19 page
- Drawings ▶ 35 page
- Trip curves ▶ 37 page
- Connection and mounting ▶ 41 page

Ordering types

Breaker types

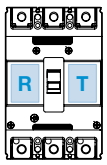
S type (37kA/415V)		
Rated current, In	**3-pole**	**4-pole**
16 A	ABS103c/16	ABS104c/16
20 A	ABS103c/20	ABS104c/20
25 A	ABS103c/25	ABS104c/25
32 A	ABS103c/32	ABS104c/32
40 A	ABS103c/40	ABS104c/40
50 A	ABS103c/50	ABS104c/50
63 A	ABS103c/63	ABS104c/63
80 A	ABS103c/80	ABS104c/80
100 A	ABS103c/100	ABS104c/100
125 A	ABS103c/125	ABS104c/125

Accessories



Electrical auxiliaries

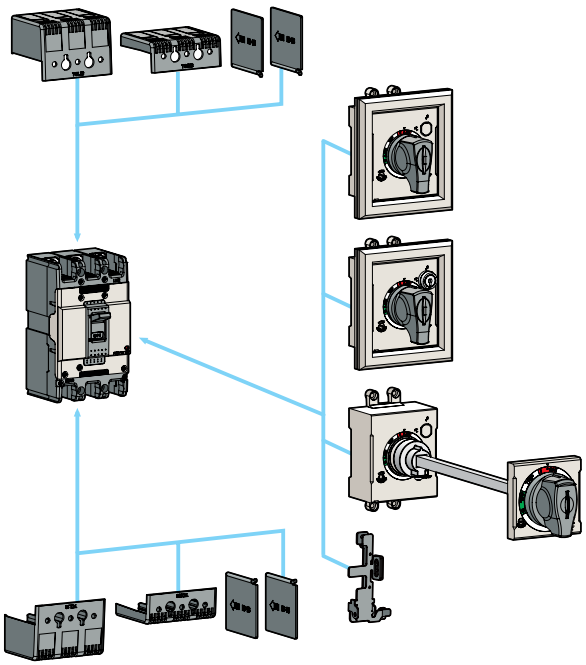
AX	Auxiliary Switch
AL	Alarm Switch
AX+AL	Combination switch
SHT	Shunt Trip
UVT	Undervoltage trip

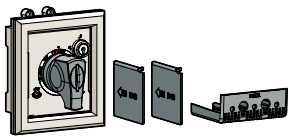


Maximum possibilities

T-position	One of above auxiliaries
R-position	Option of AX or AL or AX+AL

Note) For more detail see 21 page





External accessories

ABS125c	Name
IB23	Insulation barrier
TCL23	Terminal cover (Long) - D-Handle type, N-Handle type
TCS23	Terminal cover (Short) - D-Handle type, N-Handle type
DH125	Rotary handle (Direct)
DHK125	Rotary handle (Direct, Key lock)
EH125	Rotary handle (Extended)
PHL125FMU	Pad Handle Lock

Note) For more detail see 25 page
- D-Handle type: This cover is used with D-Handle.
- N-Handle type: This cover is used with N-Handle.