

125AF ELCB

EBS125c, EBH125c



EBS103c



EBH103c

Ratings

Frame size		125AF				
Type and Pole		S-Type		H-Type		
2-pole(2-sensor)		-		-		
3-pole(3-sensor)		EBS103c		EBH103c		
4-pole(3-sensor)		EBS104c		EBH104c		
Rated current, I _n		15-20-30-40-50-60-75-100-125A				
Rated residual current, I _{Δn}		30, 100/200/500mA (Adjustable)				
Residual current off-time at I _{Δn}		≤ 0.1 sec				
Rated operational voltage, U _e		AC: 220/460V				
Rated impulse withstand voltage, U _{imp}		6kV				
Wiring system		2-pole(2-sensor)		-		
		3-pole(3-sensor)		1 ∅ 2W, 1 ∅ 3W, 3 ∅ 3W		
		4-pole(3-sensor)		1 ∅ 2W, 1 ∅ 3W, 3 ∅ 3W, 3 ∅ 4W		
Rated short-circuit breaking capacity, I_{cu}		S-Type		H-Type		
AC 460V		37kA		50kA		
IEC 60947-2 (I _{cu}) 415V		37kA		50kA		
I _{cs} =100%I _{cu} 220/250V		85kA		100kA		
Protective function		Overload, Short-circuit and Ground fault				
Type of trip unit		Thermal-Magnetic				
Magnetic trip range		12 × I _n (30A and under: 400A)				
Endurance		Mechanical		25000 operations		
		Electrical		10000 operations		
Connection		Standard		Front connection		
		Optional		Rear connection		
		Plug-in				
Mounting		Standard		Screw fixing		
Dimensions (mm)		Pole	3p	4p	3p	4p
		a	90	120	90	120
		b	155	155	155	155
		c1 <small>Note)</small>	60	60	60	60
		c2 <small>Note)</small>	64	64	64	64
		d	82	82	82	82
		Weight, kg	Standard	1	1.2	1
Certification		Pole	3p	4p	3p	4p
CE marking		CE	○	○	○	○

Note) Depth by door cut size : c1 for large cut, c2 for small cut

For more information

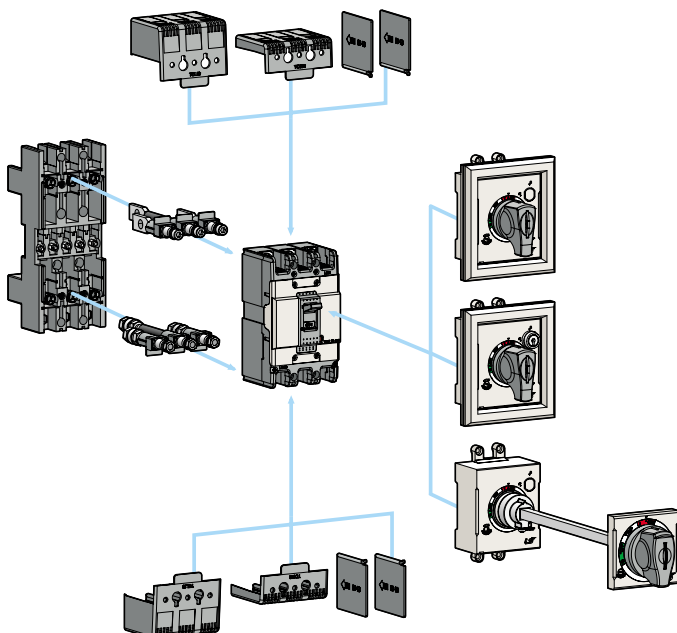
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Ordering types

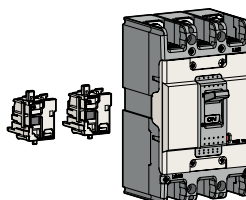
Breaker types

EBS type (37kA/460V)				
Rated current, I _n	Rated residual current, I _{Δn} : 30mA		Rated residual current, I _{Δn} : 100/200/500mA	
	3-pole	4-pole	3-pole	4-pole
15 A	EBS103c/15/30	EBS104c/15/30	EBS103c/15/100	EBS104c/15/100
20 A	EBS103c/20/30	EBS104c/20/30	EBS103c/20/100	EBS104c/20/100
30 A	EBS103c/30/30	EBS104c/30/30	EBS103c/30/100	EBS104c/30/100
40 A	EBS103c/40/30	EBS104c/40/30	EBS103c/40/100	EBS104c/40/100
50 A	EBS103c/50/30	EBS104c/50/30	EBS103c/50/100	EBS104c/50/100
60 A	EBS103c/60/30	EBS104c/60/30	EBS103c/60/100	EBS104c/60/100
75 A	EBS103c/75/30	EBS104c/75/30	EBS103c/75/100	EBS104c/75/100
100 A	EBS103c/100/30	EBS104c/100/30	EBS103c/100/100	EBS104c/100/100
125 A	EBS103c/125/30	EBS104c/125/30	EBS103c/125/100	EBS104c/125/100

EBH type (50kA/460V)				
Rated current, I _n	Rated residual current, I _{Δn} : 30mA		Rated residual current, I _{Δn} : 100/200/500mA	
	3-pole	4-pole	3-pole	4-pole
15 A	EBH103c/15/30	EBH104c/15/30	EBH103c/15/100	EBH104c/15/100
20 A	EBH103c/20/30	EBH104c/20/30	EBH103c/20/100	EBH104c/20/100
30 A	EBH103c/30/30	EBH104c/30/30	EBH103c/30/100	EBH104c/30/100
40 A	EBH103c/40/30	EBH104c/40/30	EBH103c/40/100	EBH104c/40/100
50 A	EBH103c/50/30	EBH104c/50/30	EBH103c/50/100	EBH104c/50/100
60 A	EBH103c/60/30	EBH104c/60/30	EBH103c/60/100	EBH104c/60/100
75 A	EBH103c/75/30	EBH104c/75/30	EBH103c/75/100	EBH104c/75/100
100 A	EBH103c/100/30	EBH104c/100/30	EBH103c/100/100	EBH104c/100/100
125 A	EBH103c/125/30	EBH104c/125/30	EBH103c/125/100	EBH104c/125/100

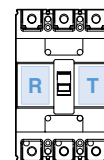


Accessories



Electrical auxiliaries

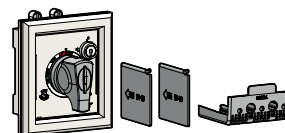
AX	Auxiliary Switch
AL	Alarm Switch
AX+AL	Combination switch



Maximum possibilities

T-position	Not available
R-position	Option of AX or AL or AX+AL

Note) For more detail see 60 page



External accessories

EBS125c EBH125c	Name
IB23	Insulation barrier
TCL23	Terminal cover (Long)
TCS23	Terminal cover (Short)
DH125	Rotary handle (Direct)
DHK125	Rotary handle (Direct, Key lock)
EH125	Rotary handle (Extended)
RTB2	Rear terminal (Bar)
RTR2	Rear terminal (Round)
PB-C3	Plug-in kit
PHL125	Pad handle lock

Note) For more detail see 65 page