



100AF



MCCBs

physically interchangeable with ELCBs.

※ see details (p. 33)

Types of the protection	Overload, short-circuit and ground fault
Rated operational voltage	176 to 510V, 50/60Hz 88 to 242Vac for EBE102b only
Rated current, I_n	40, 50, 60, 75, 100A ... fixed
Rated residual current, I_{Δn}	0.03A ... fixed 0.1-0.2-0.5A ... adjustable
Residual non-operating current	0.5 × I _{Δn}
Residual current off-time at I_{Δn}	≤ 0.1 sec
Magnetic trip current	(8 to 16) × I _n ... fixed
Type of trip unit	Thermal -magnetic for overcurrent pick-up (Hydraulic-magnetic for EBE type only) Electronic for earth leakage pick-up
Number of poles	3 pole
Connection	Front (standard) Rear (optional)
Mounting	Fixed only
Breaking capacity, I_{cu}	I _{cs} = 50% of I _{cu}

Type	EBE	EBS	EBH
220/240V	25kA	50kA	65kA
415/460V	10kA	25kA	35kA

Rating	for I _{Δn} =0.03A (30mA)			
	I _n	10kA(2pole)	10kA	25kA
40A	N.A.	N.A.	EBS103b/40/30	N.A.
50A	N.A.	N.A.	EBS103b/50/30	N.A.
60A	EBE102b/60/30	EBE103b/60/30	EBS103b/60/30	EBH103b/60/30
75A	EBE102b/75/30	EBE103b/75/30	EBS103b/75/30	EBH103b/75/30
100A	EBE102b/100/30	EBE103b/100/30	EBS103b/100/30	EBH103b/100/30
Rating	for I _{Δn} =0.1-0.2-0.5A (100-200-500mA)			
	I _n	10kA(2pole)	10kA	25kA
40A	N.A.	N.A.	EBS103b/40/100	N.A.
50A	N.A.	N.A.	EBS103b/50/100	N.A.
60A	EBE102b/60/100	EBE103b/60/100	EBS103b/60/100	EBH103b/60/100
75A	EBE102b/75/100	EBE103b/75/100	EBS103b/75/100	EBH103b/75/100
100A	EBE102b/100/100	EBE103b/100/100	EBS103b/100/100	EBH103b/100/100

* Note: Breaking capacity at 415VAC.

Optional accessories	Auxiliary switch Alarm switch Manual rotary handle Terminal shield Rear connection unit Insulational barrier (standard for line side only)
※ see details (p. 81)	

Dimensions (mm)	3pole	Types EBE, EBS	Types EBH
		75(W) × 130(H) × 60(D)	90(W) × 155(H) × 60(D)