

Molded Case Circuit Breaker (BMA Series)

Frame size (AF) (Inm)		630				630				630				800				800				800							
Model		BMA 630-HTD		BMA 630-RTD		BMA 630-HTA		BMA 630-RTA		BMA 630-HED		BMA 630-RED		BMA 800-HTD		BMA 800-RTD		BMA 800-HTA		BMA 800-RTA		BMA 800-HED		BMA 800-RED					
Appearance																													
Rated current In (A) at ambient temp. 40°C		500, 600, 630A				500, 600, 630A				630A				700, 800A				700, 800A				800A							
Number of poles (P)		3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
Rated insulation voltage Ui (V)		AC		1000				1000				1000				1000				1000									
Rated operational voltage Ue(V AC)		690				690				690				690				690											
Uimp(kV)		8				8				8				8				8											
Dimensions		a	210	280	210	280	210	280	210	280	210	280	210	280	210	280	210	280	210	280	210	280	210	280	210	280			
		b	275				275				275				275				275										
		c	103				103				103				103				103										
		ca	155				155				155				155				155										
		bb	243				243				243				243				243										
		aa	70				70				70				70				70										
		Weight (kg)	10	13	10	13	10	13	10	13	11.5	15.3	11.5	15.3	10	13	10	13	10	13	10	13	12	15.8	12	15.8			
Rated breaking capacity (KA)	IEC 60947-2 EN 60947-2 Icu AC	690V	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA	10kA	15kA					
		415V	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA					
		380V	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA	50kA	70kA					
		220V/240V	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA	85kA	100kA					
Connection		Busbar		Busbar		Busbar		Busbar		Busbar		Busbar		Busbar		Busbar		Busbar		Busbar		Busbar		Busbar					
Optional accessories	Alarm switch (AL)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Auxiliary switch (AX)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Shunt trip (SHT)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Under-voltage trip (UVT)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Rotary handle (EH)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Terminal cover (TC)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
Trip Unit		Fixed Thermal Adjustable Magnetic		Adjustable Thermal Fixed magnetic		Electronic		Fixed Thermal Adjustable Magnetic		Adjustable Thermal Fixed magnetic		Electronic																	
Tripping button		Equipped	Equipped	Equipped	Equipped	Equipped	Equipped	Equipped	Equipped	Equipped	Equipped	Equipped	Equipped																