



REMARKABLE MCB

CIRCUIT PROTECTION INNOVATIVE TECHNOLOGIES

High Performance, Same Size Breaker

The breaker achieves high performance ratings ranges from 6kA to 10kA while maintaining the same compact size.

6 kA 
10 kA 

Energy Limiting Class

Excellent performance, energy limiting is with in level 3



Supply Busbar Insertion

There is a position on the top of the control devices for inserting the supply busbar



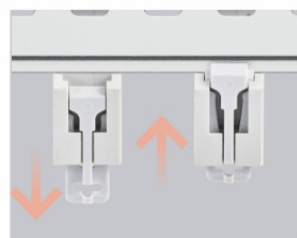
Padlocking Device

Easy to use padlock to protect device in open position for safety



Accessories for MCB

A variety of additional features can be achieved with Aoelec wide range of accessories when used with circuit breaker, such as alarm, shunt trip, over-voltage and under-voltage release with Aoelec H or K family devices



User-Friendly for Installation

Streamline your distribution board installation with unified terminal height and handle position across all MCB/RCCB/RCBO/Isolator products for ultimate convenience



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Product Name		AUT1	HBN	HBE	HBF	HBS
Number of Poles		1P/2P/3P/4P	1P+N	1P/2P/3P/4P/1P+N/3P+N	1P/2P/3P/4P/1P+N/3P+N	1P/2P/3P/4P/1P+N/3P+N
						
		Isolator Switch IEC/EN 60947-3	6 kA IEC/EN 60898-1	6 kA IEC/EN 60898-1	6 kA IEC/EN 60898-1	10kA IEC/EN 60898-1
Approval / Marking						
		CE CB RoHS	CE CB RoHS	CE CB RoHS	RoHS	CE CB RoHS
Technical Data						
Rated Current (I _n)	A	63, 80, 100, 125	1, 2, 3, 4, 5, 6, 10, 13, 16, 20, 25, 32, 40	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63	6, 10, 13, 16, 20, 25, 32, 40, 45, 50, 63	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63
Rated Voltage (U _e)	V	230/240, 400/415	230/240	230/240, 400/415	230/240, 400/415	230/240, 400/415
Rated Breaking Capacity	Ultimate (I _{cn})	kA	-	6	6	10
	Service (I _{cs})	kA	-	6	6	7.5
Rated Frequency	Hz	50/60Hz	50/60	50/60	50/60	50/60
IP Degree		IP20	IP20	IP20	IP20	IP20
Tripping Characteristics		-	B,C,D	B, C, D	B, C, D	B, C, D
Energy Limiting Class		-	3	3	3	3
Electrical Endurance	Cycles	2000	4000	4000	4000	4000
Mechanical Endurance	Cycles	10000	10000	10000	10000	10000
Rated Insulation Voltage (U _i)		500	500	500	500	690
Rated Impulse Withstand Voltage (U _{imp})		6	4	4	4	6
Cable Termination	mm ²	50	10/16	25	25	25
Torque Screw	N.m	3.0	1.2	2.5	2.5	2.5
Terminal		Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type