



SUPERIOR **K** MCB

HIGH RELIABILITY AND SAFETY COMPACT DESIGN



Reliable Connections

- Large Capacity Terminals up to 35mm²
- Connected to supply busbars from the bottom.



Energy Limiting Class

Excellent performance, energy limiting is with level 3

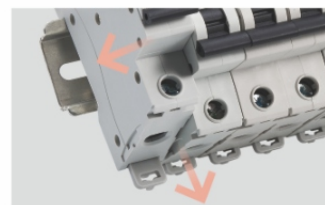
High Performance, Same Size Breaker

The breaker achieves high performance ratings ranges from 6kA to 10kA, up to 20kA while maintaining the same compact size.

- 6 kA
- 10 kA
- 15 kA
- 20 kA

Easy to Install

Easy positioning or removal of the product on its DIN rail



Supply Busbar Insertion
Connected to supply busbars from the bottom.

AIR FLOW



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



Padlocking Device

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



Streamlined Design & Compact Size

KSH 100A MCB is 18mm wide (based on 1P), 9mm smaller than the existing product

Aoelec

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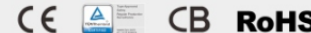


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Working for your safety!

Product Name		KBI	KBN	KBF	KBE	KBNH	KBS	KSH	KBZ	KBM	KBH	
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+N	1P/2P/3P/4P/1P+N/3P+N	1P/2P/3P/4P	1P/2P/3P/4P	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	10kA IEC/EN 60898-1	10kA IEC/EN 60947-2	10kA IEC/EN 60947-2 DC MCB	15 kA IEC/EN 60898-1 IEC/EN 60947-2	20kA IEC/EN 60947-2	10kA IEC/EN 60947-2
Approval / Marking												
												
Technical Data												
Rated Current (In)	A	63, 80, 100, 125	1, 2, 3, 4, 5, 6, 10, 13, 16, 20, 25, 32, 40	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	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	63, 80, 100	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63	10, 13, 16, 20, 25, 32, 40, 50, 63	80, 100, 125
Rated Voltage (Ue)	V	230/240, 400/415	220/230/240	230/240, 400/415	230/240, 400/415	220/230/240	230/240, 400/415	230/240, 400/415	110/125/220/250 1P 220/250/440/500 2P 660/750 3P 880/1000 4P	230/240, 400/415	230/240, 400/415	
Rated Breaking Capacity	Ultimate (Icn) kA	-	6	6	6	10	10	10	10	Icu=15, Ics=10	20(In=10-63A)	10(In=80-125A)
	Service (Ics) kA	-	6	6	6	7.5	7.5	7.5	7.5	Icn=15, Ics=7.5	15(In=10-63A)	7.5(In=80-125A)
Rated Frequency	Hz	50/60Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
IP Degree		IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Tripping Characteristics		-	B,C,D	B, C, D	B, C, D	B,C,D	B, C, D	C=8In, D=12In	C: 6In D:12In	C=li=8In, D=li=12In	C=8In, D=12In	C=8In, D=12In
Energy Limiting Class		-	3	3	3	3	3	-	-	-	-	-
Electrical Endurance	Cycles	2000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Mechanical Endurance	Cycles	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Rated Insulation Voltage (Ui)	V	500	400	500	500	500	690	500	1000	690	500	500
Rated Impulse Withstand Voltage (Uimp)	kV	6	4	4	4	4	6	4	6	6	6	6
Cable Termination	mm²	50	10	25	25	10	25	35	25	25	50	50
Torque Screw	N.m	3.0	1.2	2.5	2.5	1.2	2.5	3.0	2.5	2.5	3.0	3.0
Terminal		Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type	Pillar Type