



Compact RCB0

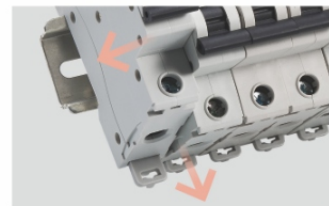
High Performance, Same Size Breaker

The breaker achieves high performance ratings ranges from 6kA to 10kA, compact size.

6 kA
10 kA

Easy to Install

Easy positioning or removal of the product on its DIN rail



Reliable Connections

Large Capacity Terminals up to 25mm²

Extensive Product Range

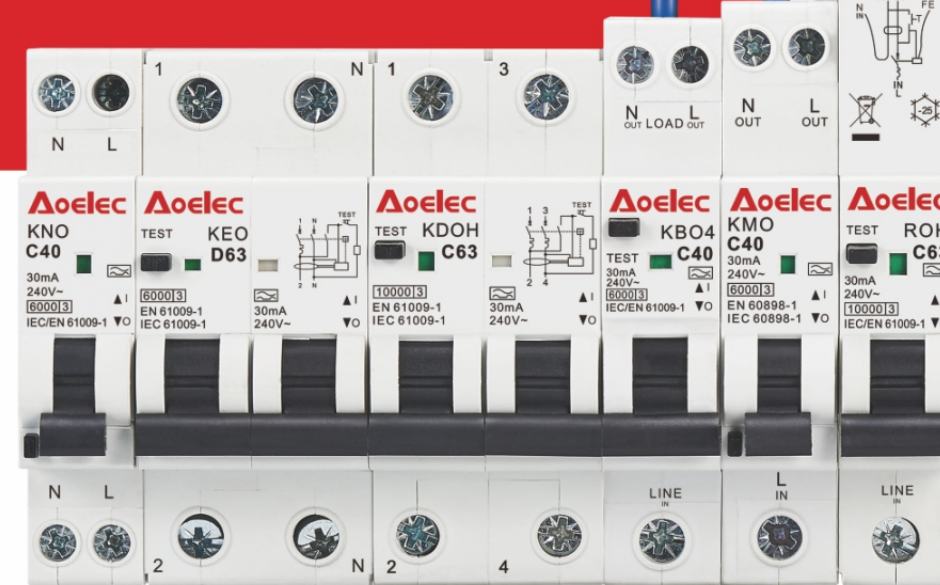
Choose from a range of earth leakage protection models, customized to suit your specific applications

Type AC
Type A

Energy Limiting Class

Excellent performance, energy limiting is with in level 3

PROVIDE COMPLETE PROTECTION FOR MODERN ELECTRICAL SYSTEM



SUPERIOR **K** RCB0

COMPACT DESIGN



Bi-directional Connection with Switched L & N



Din-rail Clip

For easy positioning or removal of the product on the DIN rail. Ensures even more comfort during installation



Streamlined Design & Compact Size

KEO RCB0 is 36mm wide (based on 1P+N), 18mm smaller than MCB+RCD combined product

18mm Reduction



Earth Leakage Indicator

To indicate and display the fault of the earth leakage



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Working for your safety!

Product Name	KNO	KEO	KEV	KB04	KMO	KHO	KDOH	KFOH	ROH	KSO	KLH
Number of Poles	1P+N	1P+N	1P+N	1P+N	1P+N	1P+N	2P	4P	1P+N	1P+N	2P/3P/4P
	 6 kA IEC/EN 61009-1 	 6 kA IEC/EN 61009-1 	 6 kA IEC/EN 61009-1 IEC/EN 62955 	 6 kA IEC/EN 61009-1 	 6 kA IEC/EN 61009-1 	 10kA IEC/EN 61009-1 	 10kA IEC/EN 61009-1 	 10kA IEC/EN 61009-1 	 10kA IEC/EN 61009-1 	 10kA IEC/EN 61009-1 	 10kA IEC/EN 60947-2 

Approval / Marking												
		  CB RoHS	 CB RoHS	  CB RoHS	 CB RoHS	 CB RoHS	  CB RoHS	 CB RoHS	 CB RoHS	 CB RoHS	 CB RoHS	 CB RoHS
Technical Data												
Rated Current (I _n)	A	6, 10, 13, 16, 20, 25, 32, 40	6, 10, 13, 16, 20, 25, 32, 40, 50, 63	6, 10, 13, 16, 20, 25, 32, 40, 50, 63	6, 10, 16, 20, 25, 32, 40	6, 10, 13, 16, 20, 25, 32, 40	6, 10, 13, 16, 20, 25, 32, 40	6, 10, 13, 16, 20, 25, 32, 40, 50, 63	6, 10, 13, 16, 20, 25, 32, 40, 50, 63	6, 10, 13, 16, 20, 25, 32, 40, 50, 63	6, 10, 13, 16, 20, 25, 32, 40, 50	63,80,100
Rated Voltage (U _e)	V	230/240	110, 230/240	230/240	240	240	240	230/240	400/415	230/240	230/240	230/240, 400/415
Rated Breaking Capacity	Ultimate (I _{on})	kA	6	6	6	6	10(I _n =6-25A), 6(I _n =32,40A)	10	10	10	10	10
	Service (I _{cs})	kA	6	6	6	6	7.5(I _n =6-25A), 6(I _n =32,40A)	7.5	7.5	7.5	7.5	7.5
Rated Residual Current (I _{Δn})	mA	10, 30, 100, 300	30, 50, 100, 300	RCBO, IEC/EN 61009-1 30mA, Type A RDC-PD, IEC/EN 62955 6mA	10, 30, 100, 300	10, 30, 100, 300	10, 30, 100, 300	30, 100, 300	30, 100, 300	10, 30, 100, 300	10, 30, 100, 300	30, 100, 300
Residual Tripping Characteristics		AC, A	AC, A	A	AC, A	AC, A	AC, A	AC, A	AC, A	AC, A	AC, A	AC, A
Rated Residual Making and Breaking Capacity (I _{Δm})	A	3000	3000	3000	-	3000	6000	4500	4500	6000	6000	6000
Rated Frequency	Hz	50/60	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	B,C,D	B,C	B,C	B,C	B,C	B,C,D	B,C,D	B,C,D	B,C,D	C=8I _n ±20%, D=12I _n ±20%
Energy Limiting Class		3	3	3	-	3	3	3	3	3	3	-
Electrical Endurance	Cycles	4000	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 (U _i)	V	500	500	500	500	500	500	500	500	500	500	500
Rated Impulse Withstand Voltage (U _{imp})	kV	4	-	4	4	4	4	4	2.5	4	4	4
Cable Termination	mm ²	16	25	25	25/16	25/16	16	25	25	25	25/16	35
Torque Screw	N.m	1.2	2.5	2	2.5/1.2	2.5/1.2	1.2	2.5	2.5	2.5	2.5/1.2	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