

KNO 6kA RCBO



Function and Feature

Bi-directional RCBO with switched L & N

- A compact RCBO in the same physical size as a conventional single pole MCB. For complete circuit protection and enhanced safety.
- Allows more poles to be fitted into a consumer unit offering a more economy solution
- Capacity complies with most energy authority requirements across domestic and overseas installation fault level requirements
- Enabling better flexibility of installation as there is no restriction to the top or the bottom connection of the supply

Technical Data

Rated Current (I _n)	A	6, 10, 13, 16, 20, 25, 32, 40
Rated Voltage (U _e)	V	230/240
Number of Poles		1P+N
Rated Breaking Capacity	Ultimate (I _{cn})	kA 6
	Service (I _{cs})	kA 6
Rated Residual Current (I _{Δn})	mA	10, 30, 100, 300
Residual Tripping Characteristics		AC, A
Rated Residual Making and Breaking Capacity (I _{Δm})	A	3000
Rated Frequency	Hz	50/60
IP Degree		IP20
Tripping Characteristics		B,C
Energy Limiting Class		3
Electrical Endurance	Cycles	4000
Mechanical Endurance	Cycles	10000
Rated Insulation Voltage (U _i)	V	500
Rated Impulse Withstand Voltage (U _{imp})	kV	4
Cable Termination	mm ²	16
Torque Screw	N.m	1.2
Terminal		Pillar Type

IEC/EN 61009-1
AS/NZS 61009.1

6000

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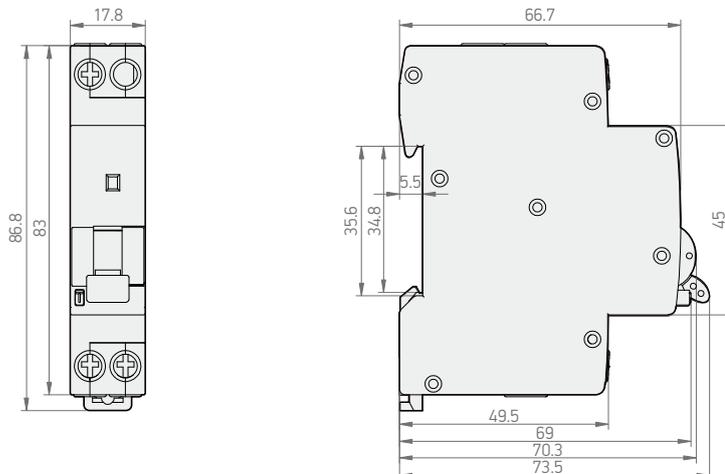
Applications



Approval / Marking

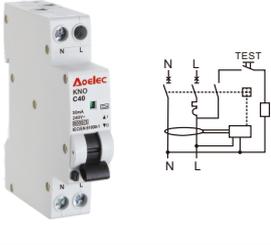


Dimensions(mm)



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Ordering System

Characteristics B, C				
Poles	1P+N			
				
In (A)	B Curve		C Curve	
	Type AC	Type A	Type AC	Type A
10mA				
6	KNO B6 AC010	KNO B6 A010	KNO C6 AC010	KNO C6 A010
10	KNO B10 AC010	KNO B10 A010	KNO C10 AC010	KNO C10 A010
13	KNO B13 AC010	KNO B13 A010	KNO C13 AC010	KNO C13 A010
16	KNO B16 AC010	KNO B16 A010	KNO C16 AC010	KNO C16 A010
20	KNO B20 AC010	KNO B20 A010	KNO C20 AC010	KNO C20 A010
25	KNO B25 AC010	KNO B25 A010	KNO C25 AC010	KNO C25 A010
32	KNO B32 AC010	KNO B32 A010	KNO C32 AC010	KNO C32 A010
40	KNO B40 AC010	KNO B40 A010	KNO C40 AC010	KNO C40 A010
30mA				
6	KNO B6 AC030	KNO B6 A030	KNO C6 AC030	KNO C6 A030
10	KNO B10 AC030	KNO B10 A030	KNO C10 AC030	KNO C10 A030
13	KNO B13 AC030	KNO B13 A030	KNO C13 AC030	KNO C13 A030
16	KNO B16 AC030	KNO B16 A030	KNO C16 AC030	KNO C16 A030
20	KNO B20 AC030	KNO B20 A030	KNO C20 AC030	KNO C20 A030
25	KNO B25 AC030	KNO B25 A030	KNO C25 AC030	KNO C25 A030
32	KNO B32 AC030	KNO B32 A030	KNO C32 AC030	KNO C32 A030
40	KNO B40 AC030	KNO B40 A030	KNO C40 AC030	KNO C40 A030
100mA				
6	KNO B6 AC100	KNO B6 A100	KNO C6 AC100	KNO C6 A100
10	KNO B10 AC100	KNO B10 A100	KNO C10 AC100	KNO C10 A100
13	KNO B13 AC100	KNO B13 A100	KNO C13 AC100	KNO C13 A100
16	KNO B16 AC100	KNO B16 A100	KNO C16 AC100	KNO C16 A100
20	KNO B20 AC100	KNO B20 A100	KNO C20 AC100	KNO C20 A100
25	KNO B25 AC100	KNO B25 A100	KNO C25 AC100	KNO C25 A100
32	KNO B32 AC100	KNO B32 A100	KNO C32 AC100	KNO C32 A100
40	KNO B40 AC100	KNO B40 A100	KNO C40 AC100	KNO C40 A100
300mA				
6	KNO B6 AC300	KNO B6 A300	KNO C6 AC300	KNO C6 A300
10	KNO B10 AC300	KNO B10 A300	KNO C10 AC300	KNO C10 A300
13	KNO B13 AC300	KNO B13 A300	KNO C13 AC300	KNO C13 A300
16	KNO B16 AC300	KNO B16 A300	KNO C16 AC300	KNO C16 A300
20	KNO B20 AC300	KNO B20 A300	KNO C20 AC300	KNO C20 A300
25	KNO B25 AC300	KNO B25 A300	KNO C25 AC300	KNO C25 A300
32	KNO B32 AC300	KNO B32 A300	KNO C32 AC300	KNO C32 A300
40	KNO B40 AC300	KNO B40 A300	KNO C40 AC300	KNO C40 A300

MCB

RCBO

RCBE

AFDD

Modular
Contactors

SPD

Isolator
Switch

Bell
Transformer

Changeover
Switch