

Residual Current Circuit Breakers

DIN rail mounting



RKN-b 1P+N

RKN-b type

Technical data

Standard	Confirming to IEC/EN 61008-1	
Protection	Ground fault	
Rated current [In]	63AF: 25, 40, 63A	100AF: 80, 100A
Number of poles	1P+N, 3P+N	
Rated sensitivity currents, I Δ n	30, 100, 300mA	
Rated residual non-operating current	0.5 × I Δ n	
Rated voltage [Ue]	1P+N	240VAC
	3P+N	240/415VAC
Residual current off-time at I Δ n	≤ 0.1s	
Rated insulation voltage [Ui]	500V	
Rated impulse withstand voltage [Uimp]	4kV	
Rated making capacity, Im	500A for In=25, 32, 40A	
	630A for In=63A	
	800A for In=80A	
	1000A for In=100A	
Rated conditional short-circuit current, Inc	10kA for In=25, 40, 63, 80, 100A	
Type of trip	Electro-magnetic	
Type of terminal	Lug type	
Terminal capacity	Cables up to 35mm ²	
Installation	35mm DIN rail	
Type of operation	A/AC	
Slot size	45mm	



Optional accessories ... Auxiliary switch, AX

Composition	Consists of 1 changeover contact	
Rating	AC circuit	DC circuit
	6A at 240VAC 3A at 415VAC	2A at 48VDC 1A at 130VDC
Type of terminal	Lug type	
Terminal capacity	Cables up to 2.5mm ²	
Width	9mm	

Optional accessories ... Auxiliary switch, AL

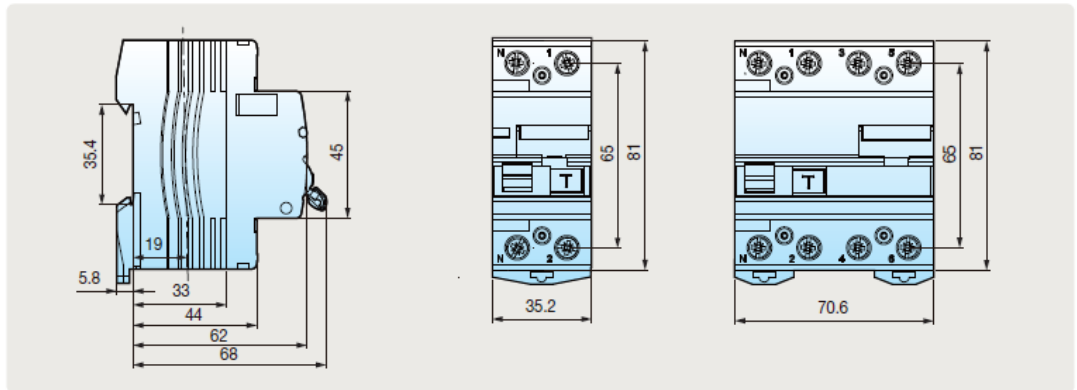
Composition	Consists of 1 changeover contact	
Rating	AC circuit	DC circuit
	6A at 230VAC 3A at 415VAC	2A at 48VDC 1A at 130VDC
Type of terminal	Lug type	
Terminal capacity	Cables up to 2.5mm ²	
Width	9mm	

Miniature Circuit Breakers

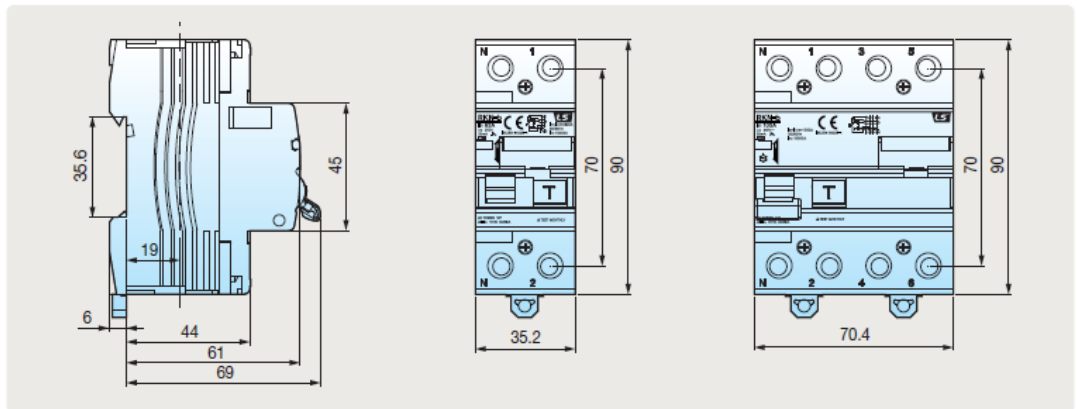
DIN rail mounting

Overall dimensions

RKN-b (63AF)



RKN-b (100AF)



AX/AL

