

## RKN-b type



**Certificate**  
CE

### Technical data

<b>Standard</b>	Confirming to IEC61008	
<b>Protection</b>	Ground fault	
<b>Rated current, I<sub>n</sub></b>	<b>63AF:</b> 25, 40, 63A	<b>100AF:</b> 80, 100A
<b>Number of poles</b>	2(1+N), 4(3+N)pole	
<b>Rated sensitivity currents, I<sub>Δn</sub></b>	30, 100, 300mA	
<b>Rated residual non-operating current</b>	0.5 × I <sub>Δn</sub>	
<b>Rated voltages</b>	<b>2pole</b>	240VAC
	<b>4pole</b>	240/415VAC
<b>Residual current off-time at I<sub>Δn</sub></b>	≤ 0.1s	
<b>Rated making capacity, I<sub>m</sub></b>	500A for I <sub>n</sub> =25, 32, 40A 630A for I <sub>n</sub> =63A 800A for I <sub>n</sub> =80A 1000A for I <sub>n</sub> =100A	
<b>Rated conditional short-circuit current, I<sub>nc</sub></b>	10kA for I <sub>n</sub> =25, 40, 63, 80, 100A	
<b>Type of trip</b>	Electro-magnetic	
<b>Type of terminal</b>	Lug type	
<b>Terminal capacity</b>	Cables up to 35mm <sup>2</sup>	
<b>Installation</b>	35mm DIN rail	
<b>Type of operation</b>	A/AC	
<b>Slot size</b>	45mm	

### Catalog No.

Pole	I <sub>n</sub>	I <sub>Δn</sub>	Model	Catalog No.	Pack.unit (Pcs.)
1P+N	25A	30mA	RKN-b 1P+N 25A 30mA	06220663R0	60
	40A		RKN-b 1P+N 40A 30mA	06220669R0	60
	63A		RKN-b 1P+N 63A 30mA	06220672R0	60
	80A		RKN-b 1P+N 80A 30mA	06220678R0	60
	100A		RKN-b 1P+N 100A 30mA	06220681R0	60
	25A	100mA	RKN-b 1P+N 25A 100mA	06220664R0	60
	40A		RKN-b 1P+N 40A 100mA	06220670R0	60
	63A		RKN-b 1P+N 63A 100mA	06220673R0	60
	80A		RKN-b 1P+N 80A 100mA	06220679R0	60
	100A		RKN-b 1P+N 100A 100mA	06220682R0	60
	25A	300mA	RKN-b 1P+N 25A 300mA	06220665R0	60
	40A		RKN-b 1P+N 40A 300mA	06220671R0	60
	63A		RKN-b 1P+N 63A 300mA	06220674R0	60
	80A		RKN-b 1P+N 80A 300mA	06220680R0	60
	100A		RKN-b 1P+N 100A 300mA	06220683R0	60

# Residual current circuit breakers

DIN rail mounting



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## Catalog No.

Pole	In	I <sub>Δn</sub>	Model	Catalog No.	Pack.unit (Pcs.)
3P+N	25A	30mA	RKN-b 3P+N 25A 100mA	06240095R0	30
	40A		RKN-b 3P+N 40A 100mA	06240101R0	30
	63A		RKN-b 3P+N 63A 100mA	06240104R0	30
	80A		RKN-b 3P+N 80A 100mA	06240110R0	30
	100A		RKN-b 3P+N 100A 100mA	06240113R0	30
25A	100mA	RKN-b 3P+N 25A 300mA	06240096R0	30	
		RKN-b 3P+N 40A 300mA	06240102R0	30	
		RKN-b 3P+N 63A 300mA	06240105R0	30	
		RKN-b 3P+N 80A 300mA	06240111R0	30	
		RKN-b 3P+N 100A 300mA	06240114R0	30	
25A	300mA	RKN-b 3P+N 25A 300mA	06240096R0	30	
		RKN-b 3P+N 40A 300mA	06240102R0	30	
		RKN-b 3P+N 63A 300mA	06240105R0	30	
		RKN-b 3P+N 80A 300mA	06240111R0	30	
		RKN-b 3P+N 100A 300mA	06240114R0	30	

## A type

Pole	In	I <sub>Δn</sub>	Model	Catalog No.	Pack.unit (Pcs.)
1P+N	25A	30mA	RKN-b 1P+N 25A 30mA A type	06220749R0	60
	40A		RKN-b 1P+N 40A 30mA A type	06220755R0	60
	63A		RKN-b 1P+N 63A 30mA A type	06220758R0	60
25A	100mA	RKN-b 1P+N 25A 100mA A type	06220750R0	60	
		RKN-b 1P+N 40A 100mA A type	06220756R0	60	
		RKN-b 1P+N 63A 100mA A type	06220759R0	60	
25A	300mA	RKN-b 1P+N 25A 300mA A type	06220751R0	60	
		RKN-b 1P+N 40A 300mA A type	06220757R0	60	
		RKN-b 1P+N 63A 300mA A type	06220760R0	60	
3P+N	25A	30mA	RKN-b 3P+N 25A 30mA A type	06240148R0	30
	40A		RKN-b 3P+N 40A 30mA A type	06240154R0	30
	63A		RKN-b 3P+N 63A 30mA A type	06240157R0	30
25A	100mA	RKN-b 3P+N 25A 100mA A type	06240149R0	30	
		RKN-b 1P+N 40A 100mA A type	06240155R0	30	
		RKN-b 3P+N 63A 100mA A type	06240158R0	30	
25A	300mA	RKN-b 3P+N 25A 300mA A type	06240150R0	30	
		RKN-b 3P+N 40A 300mA A type	06240156R0	30	
		RKN-b 3P+N 63A 300mA A type	06240159R0	30	