

Residual current circuit breakers

DIN rail mounting



RKN type



Certificate
CE

Technical data

Standard	Confirming to IEC61008	
Protection	Ground fault	
Rated current, I_n	25, 32, 40, 63A	
Number of poles	2(1+N), 4(3+N)pole	
Rated sensitivity currents, $I_{\Delta n}$	30, 100, 300mA	
Rated residual non-operating current	$0.5 \times I_{\Delta n}$	
Rated voltages	2pole	240VAC
	4pole	240/415VAC
Residual current off-time at $I_{\Delta n}$	$\leq 0.1s$	
Rated making capacity, I_m	500A for $I_n=25, 32, 40A$	
	630A for $I_n=63A$	
Rated conditional short-circuit current, I_{nc}	6kA for $I_n=25, 32, 40, 63A$	
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	

Catalog No.

Pole	I_n	$I_{\Delta n}$	Model	Catalog No.	Pack.unit (Pcs.)
1P+N	25A	30mA	RKN 1P+N 25A 30mA	06220103R0	60
			RKN 1P+N 32A 30mA	06220106R0	60
			RKN 1P+N 40A 30mA	06220109R0	60
			RKN 1P+N 63A 30mA	06220112R0	60
	32A	100mA	RKN 1P+N 25A 100mA	06220104R0	60
			RKN 1P+N 32A 100mA	06220107R0	60
			RKN 1P+N 40A 100mA	06220110R0	60
			RKN 1P+N 63A 100mA	06220113R0	60
	40A	300mA	RKN 1P+N 25A 300mA	06220105R0	60
			RKN 1P+N 32A 300mA	06220108R0	60
			RKN 1P+N 40A 300mA	06220111R0	60
			RKN 1P+N 63A 300mA	06220114R0	60

Pole	I_n	$I_{\Delta n}$	Model	Catalog No.	Pack.unit (Pcs.)
3P+N	25A	30mA	RKN 3P+N 25A 30mA	06240013R0	30
			RKN 3P+N 32A 30mA	06240016R0	30
			RKN 3P+N 40A 30mA	06240019R0	30
			RKN 3P+N 63A 30mA	06240022R0	30
	32A	100mA	RKN 3P+N 25A 100mA	06240014R0	30
			RKN 3P+N 32A 100mA	06240017R0	30
			RKN 3P+N 40A 100mA	06240020R0	30
			RKN 3P+N 63A 100mA	06240023R0	30
	40A	300mA	RKN 3P+N 25A 300mA	06240015R0	30
			RKN 3P+N 32A 300mA	06240018R0	30
			RKN 3P+N 40A 300mA	06240021R0	30
			RKN 3P+N 63A 300mA	06240024R0	30

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Catalog No.

A type

Pole	In	I _{Δn}	Model	Catalog No.	Pack.unit (Pcs.)
1P+N	25A	30mA	RKN 1P+N 25A 30mA A type	06220444R0	60
	32A		RKN 1P+N 32A 30mA A type	06220447R0	60
	40A		RKN 1P+N 40A 30mA A type	06220450R0	60
	63A		RKN 1P+N 63A 30mA A type	06220453R0	60
25A	100mA	RKN 1P+N 25A 100mA A type	06220445R0	60	
		RKN 1P+N 32A 100mA A type	06220448R0	60	
		RKN 1P+N 40A 100mA A type	06220451R0	60	
		RKN 1P+N 63A 100mA A type	06220454R0	60	
25A	300mA	RKN 1P+N 25A 300mA A type	06220446R0	60	
		RKN 1P+N 32A 300mA A type	06220449R0	60	
		RKN 1P+N 40A 300mA A type	06220452R0	60	
		RKN 1P+N 63A 300mA A type	06220455R0	60	

Pole	In	I _{Δn}	Model	Catalog No.	Pack.unit (Pcs.)
3P+N	25A	30mA	RKN 3P+N 25A 30mA A type	06220456R0	30
	32A		RKN 3P+N 32A 30mA A type	06220459R0	30
	40A		RKN 3P+N 40A 30mA A type	06220462R0	30
	63A		RKN 3P+N 63A 30mA A type	06220465R0	30
25A	100mA	RKN 3P+N 25A 100mA A type	06220457R0	30	
		RKN 3P+N 32A 100mA A type	06220460R0	30	
		RKN 3P+N 40A 100mA A type	06220463R0	30	
		RKN 3P+N 63A 100mA A type	06220466R0	30	
25A	300mA	RKN 3P+N 25A 300mA A type	06220458R0	30	
		RKN 3P+N 32A 300mA A type	06220461R0	30	
		RKN 3P+N 40A 300mA A type	06220464R0	30	
		RKN 3P+N 63A 300mA A type	06220467R0	30	

RKN-b type



Certificate
CE

Technical data

Standard	Confirming to IEC61008	
Protection	Ground fault	
Rated current, I _n	63AF: 25, 40, 63A	100AF: 80, 100A
Number of poles	2(1+N), 4(3+N)pole	
Rated sensitivity currents, I _{Δn}	30, 100, 300mA	
Rated residual non-operating current	0.5 × I _{Δn}	
Rated voltages	2pole	240VAC
	4pole	240/415VAC
Residual current off-time at I _{Δn}	≤ 0.1s	
Rated making capacity, I _m	500A for I _n =25, 32, 40A	
	630A for I _n =63A	
	800A for I _n =80A	
	1000A for I _n =100A	
Rated conditional short-circuit current, I _{nc}	10kA for I _n =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	

Catalog No.

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

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Catalog No.

Pole	In	I _{Δn}	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 _{Δn}	Model	Catalog No.	Pack.unit (Pcs.)
1P+N	25A	30mA	RKN-b 1P+N 25A 30mA A type	06220749R0	60
			RKN-b 1P+N 40A 30mA A type	06220755R0	60
			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
			RKN-b 3P+N 40A 30mA A type	06240154R0	30
			RKN-b 3P+N 63A 30mA A type	06240157R0	30
	25A	100mA	RKN-b 3P+N 25A 100mA A type	06240149R0	30
			RKN-b 3P+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