



RKN-b type

Technical data

Standard	Confirming to IEC61008
Protection	Ground fault
Rated current	63AF: 25, 40, 63A 100AF: 80, 100A
Number of poles	2 (1+N), 4 (3+N)pole
Rated sensitivity currents, $I_{\Delta n}$	30, 100, 300mA
Rated residual non-operating current	$0.5 \times I_{\Delta n}$
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 $I_n=63A$ 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

Order No.AC type

Pole	I_n	$I_{\Delta n}$	Model	Order 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
			RKN-b 1P+N 100A 30mA	06220681R0	60
	40A	100mA	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
	63A	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

Pole	I_n	$I_{\Delta n}$	Model	Order No.	Pack. unit (Pcs.)
1P+N	25A	30mA	RKN-b 3P+N 25A 100mA	06240095R0	30
			RKN-b 3P+N 40A 100mA	06240101R0	30
			RKN-b 3P+N 63A 100mA	06240104R0	30
			RKN-b 3P+N 80A 100mA	06240110R0	30
			RKN-b 3P+N 100A 100mA	06240113R0	30
	40A	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
	63A	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

Residual Current Circuit Breakers DIN rail mounting

RKN-b type

Order No. A type



Pole	In	I _{Δn}	Model	Order 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
	40A	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
	63A	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

Pole	In	I _{Δn}	Model	Order No.	Pack. unit (Pcs.)
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
	40A	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
	63A	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

Rated conditional short-circuit capacity

RCCB (RKN, RKN-b)		BKN 1~63A (B, C, D)	BKN-b 1~63A (B, C, D)	BKH 63~125A (C, D)
		1P+N	25A	6kA
	32A	6kA	10kA	-
	40A	6kA	10kA	-
	63A	6kA	10kA	10kA
	80A	-	-	10kA
	100A	-	-	10kA
3P+N	25A	6kA	10kA	-
	32A	6kA	10kA	-
	40A	6kA	10kA	-
	63A	6kA	10kA	10kA
	80A	-	-	10kA
	100A	-	-	10kA

Overall dimensions

RKN-b

