

# Residual current circuit breakers with overcurrent protection

## DIN rail mounting

### RKS type



RKS 1+N

**Certificate**  
CE

#### Technical data

Standard	Confirming to IEC 61009	
Approval	SEMKO CB, CE, SABS	
Protection	Ground fault and overcurrent	
Rated current $I_n$	6, 10, 16, 20, 25, 32A	
Rated voltage	230VAC	
Breaking capacity	10kA	
Characteristic	B, C Curve	
Rated residual operating current	30, 100mA	
Number of poles	1P+N	
Type of trip	Ground fault	Electronic
	Overcurrent	Thermal-magnetic
Terminal	Lug type (Cables up to 10mm <sup>2</sup> )	
Mount	35mm DIN rail	
Width	18mm	
Electrical endurance	4,000 operations	

#### Catalog No.

##### RKS B Curve

In	$I_{\Delta n}$	Model	Catalog No.	Pack. unit (Pcs.)
6A	30mA	RKS 1P+N B6A 30mA	06220395R0	50
	100mA	RKS 1P+N B6A 100mA	06220396R0	50
10A	30mA	RKS 1P+N B10A 30mA	06220397R0	50
	100mA	RKS 1P+N B10A 100mA	06220398R0	50
16A	30mA	RKS 1P+N B16A 30mA	06220399R0	50
	100mA	RKS 1P+N B16A 100mA	06220400R0	50
20A	30mA	RKS 1P+N B20A 30mA	06220401R0	50
	100mA	RKS 1P+N B20A 100mA	06220402R0	50
25A	30mA	RKS 1P+N B25A 30mA	06220403R0	50
	100mA	RKS 1P+N B25A 100mA	06220404R0	50
32A	30mA	RKS 1P+N B32A 30mA	06220405R0	50
	100mA	RKS 1P+N B32A 100mA	06220406R0	50

##### RKS C Curve

In	$I_{\Delta n}$	Model	Catalog No.	Pack. unit (Pcs.)
6A	30mA	RKS 1P+N C6A 30mA	06220407R0	50
	100mA	RKS 1P+N C6A 100mA	06220408R0	50
10A	30mA	RKS 1P+N C10A 30mA	06220409R0	50
	100mA	RKS 1P+N C10A 100mA	06220410R0	50
16A	30mA	RKS 1P+N C16A 30mA	06220411R0	50
	100mA	RKS 1P+N C16A 100mA	06220412R0	50
20A	30mA	RKS 1P+N C20A 30mA	06220413R0	50
	100mA	RKS 1P+N C20A 100mA	06220414R0	50
25A	30mA	RKS 1P+N C25A 30mA	06220415R0	50
	100mA	RKS 1P+N C25A 100mA	06220416R0	50
32A	30mA	RKS 1P+N C32A 30mA	06220417R0	50
	100mA	RKS 1P+N C32A 100mA	06220418R0	50



RKS-b 1+N

**Certificate**  
CE

### Technical data

Standard	Confirming to IEC 61009	
Approval	SEMKO CB, CE	
Protection	Ground fault and overcurrent	
Rated current $I_n$	6, 10, 16, 20, 25, 32, 40, 50A	
Rated voltage	240VAC	
Breaking capacity	10kA	
Characteristic	B, C Curve	
Rated residual operating current	30,100mA	
Number of poles	1P+N	
Type of trip	Ground fault	Electronic
	Overcurrent	Thermal-magnetic
Terminal	Lug type (Cables up to 10mm <sup>2</sup> )	
Mount	35mm DIN rail	
Width	18mm	
Electrical endurance	4,000 operations	

### Catalog No.

#### RKS B Curve

In	$I_{\Delta n}$	Model	Catalog No.	Pack. unit (Pcs.)
6A	30mA	RKS-b 1P+N C6A 30mA	06220615R0	50
	100mA	RKS-b 1P+N C6A 100mA	06220616R0	50
10A	30mA	RKS-b 1P+N C10A 30mA	06220617R0	50
	100mA	RKS-b 1P+N C10A 100mA	06220618R0	50
16A	30mA	RKS-b 1P+N C16A 30mA	06220619R0	50
	100mA	RKS-b 1P+N C16A 100mA	06220620R0	50
20A	30mA	RKS-b 1P+N C20A 30mA	06220621R0	50
	100mA	RKS-b 1P+N C20A 100mA	06220622R0	50
25A	30mA	RKS-b 1P+N C25A 30mA	06220623R0	50
	100mA	RKS-b 1P+N C25A 100mA	06220624R0	50
32A	30mA	RKS-b 1P+N C32A 30mA	06220625R0	50
	100mA	RKS-b 1P+N C32A 100mA	06220626R0	50
40A	30mA	RKS-b 1P+N C40A 30mA	06220627R0	50
	100mA	RKS-b 1P+N C40A 100mA	06220628R0	50
50A	30mA	RKS-b 1P+N C50A 30mA	06220629R0	50
	100mA	RKS-b 1P+N C50A 100mA	06220630R0	50

#### RKS C Curve

In	$I_{\Delta n}$	Model	Catalog No.	Pack. unit (Pcs.)
6A	30mA	RKS-b 1P+N C6A 30mA	06220647R0	50
	100mA	RKS-b 1P+N C6A 100mA	06220648R0	50
10A	30mA	RKS-b 1P+N C10A 30mA	06220649R0	50
	100mA	RKS-b 1P+N C10A 100mA	06220650R0	50
16A	30mA	RKS-b 1P+N C16A 30mA	06220651R0	50
	100mA	RKS-b 1P+N C16A 100mA	06220652R0	50
20A	30mA	RKS-b 1P+N C20A 30mA	06220653R0	50
	100mA	RKS-b 1P+N C20A 100mA	06220654R0	50
25A	30mA	RKS-b 1P+N C25A 30mA	06220655R0	50
	100mA	RKS-b 1P+N C25A 100mA	06220656R0	50
32A	30mA	RKS-b 1P+N C32A 30mA	06220657R0	50
	100mA	RKS-b 1P+N C32A 100mA	06220658R0	50
40A	30mA	RKS-b 1P+N C40A 30mA	06220659R0	50
	100mA	RKS-b 1P+N C40A 100mA	06220660R0	50
50A	30mA	RKS-b 1P+N C50A 30mA	06220661R0	50
	100mA	RKS-b 1P+N C50A 100mA	06220662R0	50