



Certificate



BKN 2P

## BKN type



### Technical data

<b>Standard</b>	Confirming to IEC 60898		
<b>Approval</b>	CCC, SABS, SEMKO CB, CE		
<b>Protection</b>	Against overload and short circuit		
<b>Rated current in</b>	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63A		
<b>Rated voltage</b>	1pole 230/400VAC 50/60Hz		
	2, 3, 4pole 400VAC 50/60Hz		
<b>Breaking capacity</b>	6kA		
<b>Characteristic</b>	B, C, D curve		
<b>Number of poles</b>	1P, 1P+N, 2P, 3P, 3P+N and 4P		
<b>Type of trip</b>	Thermal-magnetic release		
<b>Type of terminal</b>	Lug type		
<b>Terminal capacity</b>	Cables up to 25mm <sup>2</sup>		
<b>Installation</b>	Mounting on 35mm DIN rail		
<b>Width</b>	17.8mm per pole		
<b>Electrical endurance</b>	<b>In</b>	<b>1 ... 32A</b>	<b>40 ... 63A</b>
	<b>Endurance</b>	4,000 operations	4,000 operations
	<b>Max. frequency (Cycles/hour)</b>	240	120

### Optional accessories ... Auxiliary switch, AX

<b>Composition</b>	Consists of 1 changeover contact	
<b>Rating</b>	<b>AC circuit</b>	<b>DC circuit</b>
	6A at 240VAC 3A at 415VAC	2A at 48VDC 1A at 125VDC
<b>Type of terminal</b>	Lug type	
<b>Terminal capacity</b>	Cables up to 2.5mm <sup>2</sup>	
<b>Width</b>	9mm	



### Optional accessories ... Auxiliary switch, AL

<b>Composition</b>	Consists of 1 changeover contact	
<b>Rating</b>	<b>AC circuit</b>	<b>DC circuit</b>
	6A at 230VAC 3A at 415VAC	2A at 48VDC 1A at 125VDC
<b>Type of terminal</b>	Lug type	
<b>Terminal capacity</b>	Cables up to 2.5mm <sup>2</sup>	
<b>Width</b>	9mm	



Attach to the left side of BKN. Possible to attach only one AX or AL.

### Optional accessories ... Shunt trip device, SHT

<b>Rated voltage (Ue)</b>	AC 24V, AC110-415V
<b>Operate voltage range</b>	70-100% Ue
<b>Width</b>	18mm



### Optional accessories ... Over/Under voltage trip device, OVT/UVT

<b>Rated Voltage (Ue)</b>	AC 230V
<b>Over-voltage tripping range</b>	280V ±5%
<b>Under-voltage tripping range</b>	170V ±5%
<b>Width</b>	18mm



Attach to the right side of BKN. Possible to attach only one SHUNT or UVT/OVT. SHT or UVT accessory are not tripped when Zero voltage.



Certificate



BKN 2P

## BKN type



### Technical data

Standard	Confirming to IEC 60898	
Approval	CCC, SABS, SEMKO CB, CE	
Protection	Against overload and short circuit	
Rated current in	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63A	
Rated voltage	1pole 230/400VAC 50/60Hz	
	2, 3, 4pole 400VAC 50/60Hz	
Breaking capacity	6kA	
Characteristic	B, C, D curve	
Number of poles	1P, 1P+N, 2P, 3P, 3P+N and 4P	
Type of trip	Thermal-magnetic release	
Type of terminal	Lug type	
Terminal capacity	Cables up to 25mm <sup>2</sup>	
Installation	Mounting on 35mm DIN rail	
Width	17.8mm per pole	
Electrical endurance	In	1 ... 32A
	Endurance	4,000 operations
	Max. frequency (Cycles/hour)	240
		40 ... 63A
		4,000 operations
		120

### Optional accessories ... Auxiliary switch, AX

Composition	Consists of 1 changeover contact	
Rating	<b>AC circuit</b>	<b>DC circuit</b>
	6A at 240VAC 3A at 415VAC	2A at 48VDC 1A at 125VDC
Type of terminal	Lug type	
Terminal capacity	Cables up to 2.5mm <sup>2</sup>	
Width	9mm	



### Optional accessories ... Auxiliary switch, AL

Composition	Consists of 1 changeover contact	
Rating	<b>AC circuit</b>	<b>DC circuit</b>
	6A at 230VAC 3A at 415VAC	2A at 48VDC 1A at 125VDC
Type of terminal	Lug type	
Terminal capacity	Cables up to 2.5mm <sup>2</sup>	
Width	9mm	



Attach to the left side of BKN. Possible to attach only one AX or AL.

### Optional accessories ... Shunt trip device, SHT

Rated voltage (Ue)	AC 24V, AC110-415V
Operate voltage range	70-100% Ue
Width	18mm



### Optional accessories ... Over/Under voltage trip device, OVT/UVT

Rated Voltage (Ue)	AC 230V
Over-voltage tripping range	280V ±5%
Under-voltage tripping range	170V ±5%
Width	18mm



Attach to the right side of BKN. Possible to attach only one SHUNT or UVT/OVT. SHT or UVT accessory are not tripped when Zero voltage.

# Miniature Circuit Breakers DIN rail mounting

## BKN type, B curve



BKN 1P

### 6kA at 230/400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 1P B1A	06110086R0	120	
2A	BKN 1P B2A	06110087R0	120	
3A	BKN 1P B3A	06110088R0	120	
4A	BKN 1P B4A	06110089R0	120	
6A	BKN 1P B6A	06110090R0	120	
10A	BKN 1P B10A	06110091R0	120	
13A	BKN 1P B13A	06112094R0	120	
16A	BKN 1P B16A	06110092R0	120	
20A	BKN 1P B20A	06110093R0	120	
25A	BKN 1P B25A	06110094R0	120	
32A	BKN 1P B32A	06110095R0	120	
40A	BKN 1P B40A	06110096R0	120	
50A	BKN 1P B50A	06110097R0	120	
63A	BKN 1P B63A	06110098R0	120	



BKN 1P+N

### 6kA at 230VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
A	BKN 1P+N B1A	06120250R0	60	
2A	BKN 1P+N B2A	06120251R0	60	
3A	BKN 1P+N B3A	06120252R0	60	
4A	BKN 1P+N B4A	06120253R0	60	
6A	BKN 1P+N B6A	06120254R0	60	
10A	BKN 1P+N B10A	06120255R0	60	
13A	BKN 1P+N B13A	06122285R0	60	
16A	BKN 1P+N B16A	06120256R0	60	
20A	BKN 1P+N B20A	06120257R0	60	
25A	BKN 1P+N B25A	06120258R0	60	
32A	BKN 1P+N B32A	06120259R0	60	
40A	BKN 1P+N B40A	06120260R0	60	
50A	BKN 1P+N B50A	06120261R0	60	
63A	BKN 1P+N B63A	06120262R0	60	



BKN 2P

### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 2P B1A	06120263R0	60	
2A	BKN 2P B2A	06120264R0	60	
3A	BKN 2P B3A	06120265R0	60	
4A	BKN 2P B4A	06120266R0	60	
6A	BKN 2P B6A	06120267R0	60	
10A	BKN 2P B10A	06120268R0	60	
13A	BKN 2P B13A	06122288R0	60	
16A	BKN 2P B16A	06120269R0	60	
20A	BKN 2P B20A	06120270R0	60	
25A	BKN 2P B25A	06120271R0	60	
32A	BKN 2P B32A	06120272R0	60	
40A	BKN 2P B40A	06120273R0	60	
50A	BKN 2P B50A	06120274R0	60	
63A	BKN 2P B63A	06120275R0	60	

# Miniature Circuit Breakers DIN rail mounting

## BKN type, B curve



BKN 1P

### 6kA at 230/400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 1P B1A	06110086R0	120	
2A	BKN 1P B2A	06110087R0	120	
3A	BKN 1P B3A	06110088R0	120	
4A	BKN 1P B4A	06110089R0	120	
6A	BKN 1P B6A	06110090R0	120	
10A	BKN 1P B10A	06110091R0	120	
13A	BKN 1P B13A	06112094R0	120	
16A	BKN 1P B16A	06110092R0	120	
20A	BKN 1P B20A	06110093R0	120	
25A	BKN 1P B25A	06110094R0	120	
32A	BKN 1P B32A	06110095R0	120	
40A	BKN 1P B40A	06110096R0	120	
50A	BKN 1P B50A	06110097R0	120	
63A	BKN 1P B63A	06110098R0	120	



BKN 1P+N

### 6kA at 230VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
A	BKN 1P+N B1A	06120250R0	60	
2A	BKN 1P+N B2A	06120251R0	60	
3A	BKN 1P+N B3A	06120252R0	60	
4A	BKN 1P+N B4A	06120253R0	60	
6A	BKN 1P+N B6A	06120254R0	60	
10A	BKN 1P+N B10A	06120255R0	60	
13A	BKN 1P+N B13A	06122285R0	60	
16A	BKN 1P+N B16A	06120256R0	60	
20A	BKN 1P+N B20A	06120257R0	60	
25A	BKN 1P+N B25A	06120258R0	60	
32A	BKN 1P+N B32A	06120259R0	60	
40A	BKN 1P+N B40A	06120260R0	60	
50A	BKN 1P+N B50A	06120261R0	60	
63A	BKN 1P+N B63A	06120262R0	60	



BKN 2P

### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 2P B1A	06120263R0	60	
2A	BKN 2P B2A	06120264R0	60	
3A	BKN 2P B3A	06120265R0	60	
4A	BKN 2P B4A	06120266R0	60	
6A	BKN 2P B6A	06120267R0	60	
10A	BKN 2P B10A	06120268R0	60	
13A	BKN 2P B13A	06122288R0	60	
16A	BKN 2P B16A	06120269R0	60	
20A	BKN 2P B20A	06120270R0	60	
25A	BKN 2P B25A	06120271R0	60	
32A	BKN 2P B32A	06120272R0	60	
40A	BKN 2P B40A	06120273R0	60	
50A	BKN 2P B50A	06120274R0	60	
63A	BKN 2P B63A	06120275R0	60	

### BKN type, B curve



BKN 3P

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 3P B1A	06130066R0	40	
2A	BKN 3P B2A	06130067R0	40	
3A	BKN 3P B3A	06130068R0	40	
4A	BKN 3P B4A	06130069R0	40	
6A	BKN 3P B6A	06130070R0	40	
10A	BKN 3P B10A	06130071R0	40	
13A	BKN 3P B13A	06130963R0	40	
16A	BKN 3P B16A	06130072R0	40	
20A	BKN 3P B20A	06130073R0	40	
25A	BKN 3P B25A	06130074R0	40	
32A	BKN 3P B32A	06130075R0	40	
40A	BKN 3P B40A	06130076R0	40	
50A	BKN 3P B50A	06130077R0	40	
63A	BKN 3P B63A	06130078R0	40	



BKN 3P+N

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 3P+N B1A	06140133R0	30	
2A	BKN 3P+N B2A	06140134R0	30	
3A	BKN 3P+N B3A	06140135R0	30	
4A	BKN 3P+N B4A	06140136R0	30	
6A	BKN 3P+N B6A	06140137R0	30	
10A	BKN 3P+N B10A	06140138R0	30	
13A	BKN 3P+N B13A	06141773R0	30	
16A	BKN 3P+N B16A	06140139R0	30	
20A	BKN 3P+N B20A	06140140R0	30	
25A	BKN 3P+N B25A	06140141R0	30	
32A	BKN 3P+N B32A	06140142R0	30	
40A	BKN 3P+N B40A	06140143R0	30	
50A	BKN 3P+N B50A	06140144R0	30	
63A	BKN 3P+N B63A	06140145R0	30	



BKN 4P

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 4P B1A	06140146R0	30	
2A	BKN 4P B2A	06140147R0	30	
3A	BKN 4P B3A	06140148R0	30	
4A	BKN 4P B4A	06140149R0	30	
6A	BKN 4P B6A	06140150R0	30	
10A	BKN 4P B10A	06140151R0	30	
13A	BKN 4P B13A	06141776R0	30	
16A	BKN 4P B16A	06140152R0	30	
20A	BKN 4P B20A	06140153R0	30	
25A	BKN 4P B25A	06140154R0	30	
32A	BKN 4P B32A	06140155R0	30	
40A	BKN 4P B40A	06140156R0	30	
50A	BKN 4P B50A	06140157R0	30	
63A	BKN 4P B63A	06140158R0	30	



#### Auxiliary switch 1c contact

In	Model	Order No.	Pack. unit (Pcs.)	Price
6A	BKN-AX-6A	06150002R0		
6A	BKN-AL-6A	06150004R0		

# Miniature Circuit Breakers DIN rail mounting

## BKN type, C curve



BKN 1P

### 6kA at 230/400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 1P C1A	06110070R0	120	
2A	BKN 1P C2A	06110071R0	120	
3A	BKN 1P C3A	06110072R0	120	
4A	BKN 1P C4A	06110073R0	120	
6A	BKN 1P C6A	06110074R0	120	
10A	BKN 1P C10A	06110075R0	120	
13A	BKN 1P C13A	06112095R0	120	
16A	BKN 1P C16A	06110076R0	120	
20A	BKN 1P C20A	06110077R0	120	
25A	BKN 1P C25A	06110078R0	120	
32A	BKN 1P C32A	06110079R0	120	
40A	BKN 1P C40A	06110080R0	120	
50A	BKN 1P C50A	06110081R0	120	
63A	BKN 1P C63A	06110082R0	120	



BKN 1P+N

### 6kA at 230VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
A	BKN 1P+N C1A	06120200R0	60	
2A	BKN 1P+N C2A	06120201R0	60	
3A	BKN 1P+N C3A	06120202R0	60	
4A	BKN 1P+N C4A	06120203R0	60	
6A	BKN 1P+N C6A	06120204R0	60	
10A	BKN 1P+N C10A	06120205R0	60	
13A	BKN 1P+N C13A	06122286R0	60	
16A	BKN 1P+N C16A	06120206R0	60	
20A	BKN 1P+N C20A	06120207R0	60	
25A	BKN 1P+N C25A	06120208R0	60	
32A	BKN 1P+N C32A	06120209R0	60	
40A	BKN 1P+N C40A	06120210R0	60	
50A	BKN 1P+N C50A	06120211R0	60	
63A	BKN 1P+N C63A	06120212R0	60	



BKN 2P

### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 2P C1A	06120213R0	60	
2A	BKN 2P C2A	06120214R0	60	
3A	BKN 2P C3A	06120215R0	60	
4A	BKN 2P C4A	06120216R0	60	
6A	BKN 2P C6A	06120217R0	60	
10A	BKN 2P C10A	06120218R0	60	
13A	BKN 2P C13A	06122289R0	60	
16A	BKN 2P C16A	06120219R0	60	
20A	BKN 2P C20A	06120220R0	60	
25A	BKN 2P C25A	06120221R0	60	
32A	BKN 2P C32A	06120222R0	60	
40A	BKN 2P C40A	06120223R0	60	
50A	BKN 2P C50A	06120224R0	60	
63A	BKN 2P C63A	06120225R0	60	



### BKN type, C curve



BKN 3P

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 3P C1A	06130050R0	40	
2A	BKN 3P C2A	06130051R0	40	
3A	BKN 3P C3A	06130052R0	40	
4A	BKN 3P C4A	06130053R0	40	
6A	BKN 3P C6A	06130054R0	40	
10A	BKN 3P C10A	06130055R0	40	
13A	BKN 3P C13A	06130964R0	40	
16A	BKN 3P C16A	06130056R0	40	
20A	BKN 3P C20A	06130057R0	40	
25A	BKN 3P C25A	06130058R0	40	
32A	BKN 3P C32A	06130059R0	40	
40A	BKN 3P C40A	06130060R0	40	
50A	BKN 3P C50A	06130061R0	40	
63A	BKN 3P C63A	06130062R0	40	



BKN 3P+N

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 3P+N C1A	06140104R0	30	
2A	BKN 3P+N C2A	06140105R0	30	
3A	BKN 3P+N C3A	06140106R0	30	
4A	BKN 3P+N C4A	06140107R0	30	
6A	BKN 3P+N C6A	06140108R0	30	
10A	BKN 3P+N C10A	06140109R0	30	
13A	BKN 3P+N C13A	06141774R0	30	
16A	BKN 3P+N C16A	06140110R0	30	
20A	BKN 3P+N C20A	06140111R0	30	
25A	BKN 3P+N C25A	06140112R0	30	
32A	BKN 3P+N C32A	06140113R0	30	
40A	BKN 3P+N C40A	06140114R0	30	
50A	BKN 3P+N C50A	06140115R0	30	
63A	BKN 3P+N C63A	06140116R0	30	



BKN 4P

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 4P C1A	06140117R0	30	
2A	BKN 4P C2A	06140118R0	30	
3A	BKN 4P C3A	06140119R0	30	
4A	BKN 4P C4A	06140120R0	30	
6A	BKN 4P C6A	06140121R0	30	
10A	BKN 4P C10A	06140122R0	30	
13A	BKN 4P C13A	06141777R0	30	
16A	BKN 4P C16A	06140123R0	30	
20A	BKN 4P C20A	06140124R0	30	
25A	BKN 4P C25A	06140125R0	30	
32A	BKN 4P C32A	06140126R0	30	
40A	BKN 4P C40A	06140127R0	30	
50A	BKN 4P C50A	06140128R0	30	
63A	BKN 4P C63A	06140129R0	30	



#### Auxiliary switch 1c contact

In	Model	Order No.	Pack. unit (Pcs.)	Price
6A	BKN-AX-6A	06150002R0		
6A	BKN-AL-6A	06150004R0		

# Miniature Circuit Breakers DIN rail mounting

## BKN type, D curve



BKN 1P

### 6kA at 230/400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 1P D1A	06110099R0	120	
2A	BKN 1P D2A	06110100R0	120	
3A	BKN 1P D3A	06110101R0	120	
4A	BKN 1P D4A	06110102R0	120	
6A	BKN 1P D6A	06110103R0	120	
10A	BKN 1P D10A	06110104R0	120	
13A	BKN 1P D13A	06112096R0	120	
16A	BKN 1P D16A	06110105R0	120	
20A	BKN 1P D20A	06110106R0	120	
25A	BKN 1P D25A	06110107R0	120	
32A	BKN 1P D32A	06110108R0	120	
40A	BKN 1P D40A	06110109R0	120	
50A	BKN 1P D50A	06110110R0	120	
63A	BKN 1P D63A	06110111R0	120	



BKN 1P+N

### 6kA at 230VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 1P+N D1A	06120276R0	60	
2A	BKN 1P+N D2A	06120277R0	60	
3A	BKN 1P+N D3A	06120278R0	60	
4A	BKN 1P+N D4A	06120279R0	60	
6A	BKN 1P+N D6A	06120280R0	60	
10A	BKN 1P+N D10A	06120281R0	60	
13A	BKN 1P+N D13A	06122287R0	60	
16A	BKN 1P+N D16A	06120282R0	60	
20A	BKN 1P+N D20A	06120283R0	60	
25A	BKN 1P+N D25A	06120284R0	60	
32A	BKN 1P+N D32A	06120285R0	60	
40A	BKN 1P+N D40A	06120286R0	60	
50A	BKN 1P+N D50A	06120287R0	60	
63A	BKN 1P+N D63A	06120288R0	60	



BKN 2P

### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 2P D1A	06120289R0	60	
2A	BKN 2P D2A	06120290R0	60	
3A	BKN 2P D3A	06120291R0	60	
4A	BKN 2P D4A	06120292R0	60	
6A	BKN 2P D6A	06120293R0	60	
10A	BKN 2P D10A	06120294R0	60	
13A	BKN 2P D13A	06122290R0	60	
16A	BKN 2P D16A	06120295R0	60	
20A	BKN 2P D20A	06120296R0	60	
25A	BKN 2P D25A	06120297R0	60	
32A	BKN 2P D32A	06120298R0	60	
40A	BKN 2P D40A	06120299R0	60	
50A	BKN 2P D50A	06120300R0	60	
63A	BKN 2P D63A	06120301R0	60	



### BKN type, D curve



BKN 3P

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 3P D1A	06130079R0	40	
2A	BKN 3P D2A	06130080R0	40	
3A	BKN 3P D3A	06130081R0	40	
4A	BKN 3P D4A	06130082R0	40	
6A	BKN 3P D6A	06130083R0	40	
10A	BKN 3P D10A	06130084R0	40	
13A	BKN 3P D13A	06130965R0	40	
16A	BKN 3P D16A	06130085R0	40	
20A	BKN 3P D20A	06130086R0	40	
25A	BKN 3P D25A	06130087R0	40	
32A	BKN 3P D32A	06130088R0	40	
40A	BKN 3P D40A	06130089R0	40	
50A	BKN 3P D50A	06130090R0	40	
63A	BKN 3P D63A	06130091R0	40	



BKN 3P+N

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 3P+N D1A	06140159R0	30	
2A	BKN 3P+N D2A	06140160R0	30	
3A	BKN 3P+N D3A	06140161R0	30	
4A	BKN 3P+N D4A	06140162R0	30	
6A	BKN 3P+N D6A	06140163R0	30	
10A	BKN 3P+N D10A	06140164R0	30	
13A	BKN 3P+N D13A	06141775R0	30	
16A	BKN 3P+N D16A	06140165R0	30	
20A	BKN 3P+N D20A	06140166R0	30	
25A	BKN 3P+N D25A	06140167R0	30	
32A	BKN 3P+N D32A	06140168R0	30	
40A	BKN 3P+N D40A	06140169R0	30	
50A	BKN 3P+N D50A	06140170R0	30	
63A	BKN 3P+N D63A	06140171R0	30	



BKN 4P

#### 6kA at 400VAC

In	Model	Order No.	Pack. unit (Pcs.)	Price
1A	BKN 4P D1A	06140172R0	30	
2A	BKN 4P D2A	06140173R0	30	
3A	BKN 4P D3A	06140174R0	30	
4A	BKN 4P D4A	06140175R0	30	
6A	BKN 4P D6A	06140176R0	30	
10A	BKN 4P D10A	06140177R0	30	
13A	BKN 4P D13A	06141778R0	30	
16A	BKN 4P D16A	06140178R0	30	
20A	BKN 4P D20A	06140179R0	30	
25A	BKN 4P D25A	06140180R0	30	
32A	BKN 4P D32A	06140181R0	30	
40A	BKN 4P D40A	06140182R0	30	
50A	BKN 4P D50A	06140183R0	30	
63A	BKN 4P D63A	06140184R0	30	



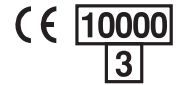
#### Auxiliary switch 1c contact

In	Model	Order No.	Pack. unit (Pcs.)	Price
6A	BKN-AX-6A	06150002R0		
6A	BKN-AL-6A	06150004R0		



BKN-c 2P

## BKN-c type



### Technical data

<b>Standard</b>	Confirming to IEC 60898	
<b>Approval</b>	SEMKO CB	
<b>Protection</b>	Against overload and short circuit	
<b>Rated current in</b>	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63A	
<b>Rated voltage</b>	1pole 230/400VAC 50/60Hz 2, 3, 4pole 400VAC 50/60Hz	
<b>Breaking capacity</b>	6kA	
<b>Characteristic</b>	B, C, D curve	
<b>Number of poles</b>	1P, 2P, 3P, 4P	
<b>Type of trip</b>	Thermal-magnetic release	
<b>Type of terminal</b>	Dual type (Lug & Screw)	
<b>Terminal capacity</b>	Cables up to 25mm <sup>2</sup>	
<b>Installation</b>	Mounting on 35mm DIN rail	
<b>Width</b>	17.8mm per pole	
<b>Electrical endurance</b>		
<b>In</b>	<b>1 ... 32A</b>	<b>40 ... 63A</b>
<b>Endurance</b>	4,000 operations	4,000 operations
<b>Max. frequency (Cycles/hour)</b>	240	120

# Miniature Circuit Breakers DIN rail mounting



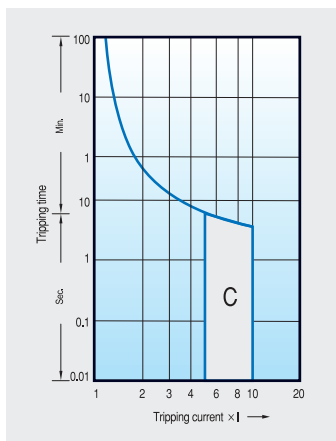
BKH 1P

## BKH type (High rupturing capacity)



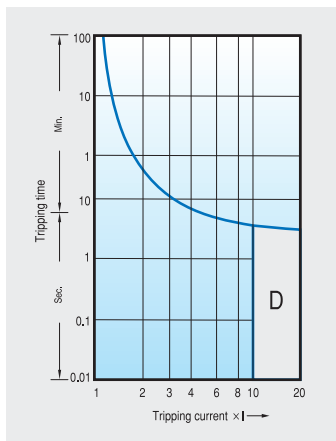
### Technical data

Standard	Confirming to IEC 60947-2
Approval	CCC, SEMKO CB, CE, SABS
Protection	Overload and short circuit
Rated current in	63, 80, 100, 125A
Rated voltage	1pole 230VAC 50/60Hz 2, 3, 4pole 400VAC 50/60Hz
Breaking capacity	10kA
Characteristic	C, D curve
Number of poles	1P, 2P, 3P, 4P
Type of trip	Thermal magnetic release
Type of terminal	Lug type
Terminal capacity	Cables up to 50mm <sup>2</sup>
Installation	Mounting on 35mm DIN rail
Width	27mm per pole
Electrical endurance	1,500 operations



### C curve

Type	In	Model	Order No.	Pack. unit (Pcs.)	Price
1P	63A	BKH 1P C63A	06110329R0	72	
	80A	BKH 1P C80A	06110330R0	72	
	100A	BKH 1P C100A	06110331R0	72	
	125A	BKH 1P C125A	06110332R0	72	
2P	63A	BKH 2P C63A	06110337R0	36	
	80A	BKH 2P C80A	06110338R0	36	
	100A	BKH 2P C100A	06110339R0	36	
	125A	BKH 2P C125A	06110340R0	36	
3P	63A	BKH 3P C63A	06110345R0	24	
	80A	BKH 3P C80A	06110346R0	24	
	100A	BKH 3P C100A	06110347R0	24	
	125A	BKH 3P C125A	06110348R0	24	
4P	63A	BKH 4P C63A	06110361R0	18	
	80A	BKH 4P C80A	06110362R0	18	
	100A	BKH 4P C100A	06110363R0	18	
	125A	BKH 4P C125A	06110364R0	18	



### D curve

Type	In	Model	Order No.	Pack. unit (Pcs.)	Price
1P	63A	BKH 1P D63A	06110333R0	72	
	80A	BKH 1P D80A	06110334R0	72	
	100A	BKH 1P D100A	06110335R0	72	
	125A	BKH 1P D125A	06110336R0	72	
2P	63A	BKH 2P D63A	06110341R0	36	
	80A	BKH 2P D80A	06110342R0	36	
	100A	BKH 2P D100A	06110343R0	36	
	125A	BKH 2P D125A	06110344R0	36	
3P	63A	BKH 3P D63A	06110349R0	24	
	80A	BKH 3P D80A	06110350R0	24	
	100A	BKH 3P D100A	06110351R0	24	
	125A	BKH 3P D125A	06110352R0	24	
4P	63A	BKH 4P D63A	06110365R0	18	
	80A	BKH 4P D80A	06110366R0	18	
	100A	BKH 4P D100A	06110367R0	18	
	125A	BKH 4P D125A	06110368R0	18	



RKP 1P+N

## RKP type

### RKP C curve

In	I <sub>Δn</sub>	Model	Order No.	Pack. unit (Pcs.)
3A	30mA	RKP 1P+N C3A 30mA	06220147R0	60
	100mA	RKP 1P+N C3A 100mA	06220148R0	60
	300mA	RKP 1P+N C3A 300mA	06220149R0	60
6A	30mA	RKP 1P+N C6A 30mA	06220151R0	60
	100mA	RKP 1P+N C6A 100mA	06220152R0	60
	300mA	RKP 1P+N C6A 300mA	06220153R0	60
10A	30mA	RKP 1P+N C10A 30mA	06220155R0	60
	100mA	RKP 1P+N C10A 100mA	06220156R0	60
	300mA	RKP 1P+N C10A 300mA	06220157R0	60
16A	30mA	RKP 1P+N C16A 30mA	06220159R0	60
	100mA	RKP 1P+N C16A 100mA	06220160R0	60
	300mA	RKP 1P+N C16A 300mA	06220161R0	60
20A	30mA	RKP 1P+N C20A 30mA	06220163R0	60
	100mA	RKP 1P+N C20A 100mA	06220164R0	60
	300mA	RKP 1P+N C20A 300mA	06220165R0	60
25A	30mA	RKP 1P+N C25A 30mA	06220167R0	60
	100mA	RKP 1P+N C25A 100mA	06220168R0	60
	300mA	RKP 1P+N C25A 300mA	06220169R0	60
32A	30mA	RKP 1P+N C32A 30mA	06220171R0	60
	100mA	RKP 1P+N C32A 100mA	06220172R0	60
	300mA	RKP 1P+N C32A 300mA	06220173R0	60

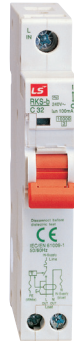
### RKP D curve



In	I <sub>Δn</sub>	Model	Order No.	Pack. unit (Pcs.)
3A	30mA	RKP 1P+N D3A 30mA	06220175R0	60
	100mA	RKP 1P+N D3A 100mA	06220176R0	60
	300mA	RKP 1P+N D3A 300mA	06220177R0	60
6A	30mA	RKP 1P+N D6A 30mA	06220179R0	60
	100mA	RKP 1P+N D6A 100mA	06220180R0	60
	300mA	RKP 1P+N D6A 300mA	06220181R0	60
10A	30mA	RKP 1P+N D10A 30mA	06220183R0	60
	100mA	RKP 1P+N D10A 100mA	06220184R0	60
	300mA	RKP 1P+N D10A 300mA	06220185R0	60
16A	30mA	RKP 1P+N D16A 30mA	06220187R0	60
	100mA	RKP 1P+N D16A 100mA	06220188R0	60
	300mA	RKP 1P+N D16A 300mA	06220189R0	60
20A	30mA	RKP 1P+N D10A 30mA	06220191R0	60
	100mA	RKP 1P+N D10A 100mA	06220192R0	60
	300mA	RKP 1P+N D10A 300mA	06220193R0	60
25A	30mA	RKP 1P+N D25A 30mA	06220195R0	60
	100mA	RKP 1P+N D25A 100mA	06220196R0	60
	300mA	RKP 1P+N D25A 300mA	06220197R0	60
32A	30mA	RKP 1P+N D32A 30mA	06220199R0	60
	100mA	RKP 1P+N D32A 100mA	06220200R0	60
	300mA	RKP 1P+N D32A 300mA	06220201R0	60



Certificate



RKS-b 1+N

## RKS-b type

### Technical data

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

### RKS B Curve

In	I <sub>Δn</sub>	Model	Order 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 <sub>Δn</sub>	Model	Order 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

# Residual Current Circuit Breakers with Overcurrent Protection

## DIN rail mounting



Certificate



RKC 1+N

### RKC type

#### Technical data

Standard	Confirming to IEC 61009	
Approval	BV CB	
Protection	Ground fault and overcurrent	
Rated current in	6, 10, 16, 20, 25, 32A	
Rated voltage	240VAC	
Breaking capacity	6kA (32A 4.5kA)	
Characteristic	B, C Curve	
Rated residual operating current	10, 30mA	
Number of poles	1P+N	
	Type of trip	Ground fault
	Overcurrent	Electronic
Terminal	Lug type (Cables up to 10mm <sup>2</sup> )	
Mount	35mm DIN rail	
Width	18mm	
Electrical endurance	4,000 operations	

#### RKC B Curve AC type new ROGY

In	I <sub>Δn</sub>	Model	Order No.	Pack. unit (Pcs.)
6A	10mA	RKC 1P+N B6A 10mA 6kA	06221020R0	12
	30mA	RKC 1P+N B6A 30mA 6kA	06221026R0	12
10A	10mA	RKC 1P+N B10A 10mA 6kA	06221021R0	12
	30mA	RKC 1P+N B10A 30mA 6kA	06221027R0	12
16A	10mA	RKC 1P+N B16A 10mA 6kA	06221022R0	12
	30mA	RKC 1P+N B16A 30mA 6kA	06221028R0	12
20A	10mA	RKC 1P+N B20A 10mA 6kA	06221023R0	12
	30mA	RKC 1P+N B20A 30mA 6kA	06221029R0	12
25A	10mA	RKC 1P+N B25A 10mA 6kA	06221024R0	12
	30mA	RKC 1P+N B25A 30mA 6kA	06221030R0	12
32A	10mA	RKC 1P+N B32A 10mA 4.5kA	06221025R0	12
	30mA	RKC 1P+N B32A 30mA 4.5kA	06221031R0	12

#### RKC C Curve AC type new ROGY

In	I <sub>Δn</sub>	Model	Order No.	Pack. unit (Pcs.)
6A	10mA	RKC 1P+N C6A 10mA 6kA	06221032R0	12
	30mA	RKC 1P+N C6A 30mA 6kA	06221038R0	12
10A	10mA	RKC 1P+N C10A 10mA 6kA	06221033R0	12
	30mA	RKC 1P+N C10A 30mA 6kA	06221039R0	12
16A	10mA	RKC 1P+N C16A 10mA 6kA	06221034R0	12
	30mA	RKC 1P+N C16A 30mA 6kA	06221040R0	12
20A	10mA	RKC 1P+N C20A 10mA 6kA	06221035R0	12
	30mA	RKC 1P+N C20A 30mA 6kA	06221041R0	12
25A	10mA	RKC 1P+N C25A 10mA 6kA	06221036R0	12
	30mA	RKC 1P+N C25A 30mA 6kA	06221042R0	12
32A	10mA	RKC 1P+N C32A 10mA 4.5kA	06221037R0	12
	30mA	RKC 1P+N C32A 30mA 4.5kA	06221043R0	12





Certificate



RKC 1+N

## RKC type

### RKC B Curve A type new ROGY

In	I <sub>Δn</sub>	Model	Order No.	Pack. unit (Pcs.)
6A	10mA	RKC 1P+N B6A 10mA 6kA	06221044R0	12
	30mA	RKC 1P+N B6A 30mA 6kA	06221050R0	12
10A	10mA	RKC 1P+N B10A 10mA 6kA	06221045R0	12
	30mA	RKC 1P+N B10A 30mA 6kA	06221051R0	12
16A	10mA	RKC 1P+N B16A 10mA 6kA	06221046R0	12
	30mA	RKC 1P+N B16A 30mA 6kA	06221052R0	12
20A	10mA	RKC 1P+N B20A 10mA 6kA	06221047R0	12
	30mA	RKC 1P+N B20A 30mA 6kA	06221053R0	12
25A	10mA	RKC 1P+N B25A 10mA 6kA	06221048R0	12
	30mA	RKC 1P+N B25A 30mA 6kA	06221054R0	12
32A	10mA	RKC 1P+N B32A 10mA 4.5kA	06221049R0	12
	30mA	RKC 1P+N B32A 30mA 4.5kA	06221055R0	12

### RKC C Curve A type new ROGY

In	I <sub>Δn</sub>	Model	Order No.	Pack. unit (Pcs.)
6A	10mA	RKC 1P+N C6A 10mA 6kA	06221056R0	12
	30mA	RKC 1P+N C6A 30mA 6kA	06221062R0	12
10A	10mA	RKC 1P+N C10A 10mA 6kA	06221057R0	12
	30mA	RKC 1P+N C10A 30mA 6kA	06221063R0	12
16A	10mA	RKC 1P+N C16A 10mA 6kA	06221058R0	12
	30mA	RKC 1P+N C16A 30mA 6kA	06221064R0	12
20A	10mA	RKC 1P+N C20A 10mA 6kA	06221059R0	12
	30mA	RKC 1P+N C20A 30mA 6kA	06221065R0	12
25A	10mA	RKC 1P+N C25A 10mA 6kA	06221060R0	12
	30mA	RKC 1P+N C25A 30mA 6kA	06221066R0	12
32A	10mA	RKC 1P+N C32A 10mA 4.5kA	06221061R0	12
	30mA	RKC 1P+N C32A 30mA 4.5kA	06221067R0	12

# Residual Current Circuit Breakers with Overcurrent Protection

## DIN rail & Screw type



Certificate



32KGRc/d

### KGR type

#### Technical data

Type	32KGRc	32KGRd
Protection	Ground fault and overcurrent	
Rated current in	15, 20, 30A	
Rated residual current		
Operating, $I_{\Delta n}$	15, 30mA (Non-adjustable)	
Non-operating, $I_{\Delta no}$	$0.5I_{\Delta n}$	
Number of poles	2pole	
Rated voltage	110/220VAC	
Residual current off-time	$\leq 0.03$ sec.	
Standard	IEC 61009, KS	
Approval	CCC CB	
Type of trip		
Ground fault	Electronic	
Overcurrent	Bimetallic	
Breaking capacity	1.5kA	2.5kA
Electrical endurance	4,000 operations	
Mount	On 35mm DIN rail	
Width	35mm	
Terminal	Screw clamp type (Cable up to 5.5mm <sup>2</sup> )	

#### 32KGRc type

In	$I_{\Delta n}$	Model	Order No.	Pack. unit (Pcs.)
15A	15mA	32KGRc 15A 15mA 0.03S	0750000400	60
	30mA	32KGRc 15A 30mA 0.03S	0750000100	60
20A	15mA	32KGRc 20A 15mA 0.03S	0750000500	60
	30mA	32KGRc 20A 30mA 0.03S	0750000200	60
30A	15mA	32KGRc 30A 15mA 0.03S	0750000600	60
	30mA	32KGRc 30A 30mA 0.03S	0750000300	60

#### 32KGRd type

In	$I_{\Delta n}$	Model	Order No.	Pack. unit (Pcs.)
15A	15mA	32KGRd 15A 15mA 0.03S	0748001000	60
	30mA	32KGRd 15A 30mA 0.03S	0748001100	60
20A	15mA	32KGRd 20A 15mA 0.03S	0748001200	60
	30mA	32KGRd 20A 30mA 0.03S	0748001300	60
30A	15mA	32KGRd 30A 15mA 0.03S	0748001400	60
	30mA	32KGRd 30A 30mA 0.03S	0748001500	60

# Residual Current Circuit Breakers

## DIN rail & Screw type

Miniature Circuit Breakers &  
Residual Current Devices

CE  
Certificate



32KGRc/d

### GRh type

#### Technical data

Type	32GRhc	32GRhd
Protection	Ground fault and overcurrent	
Rated current in	15, 20, 30A	
Rated residual current		
Operating, $I_{\Delta n}$	15, 30mA (Non-adjustable)	
Non-operating, $I_{\Delta no}$	0.5 $I_{\Delta n}$	
Number of poles	2pole	
Rated voltage	110/220VAC	
Residual current off-time	≤ 0.03 sec.	
Standard	KS	
Type of trip		
Ground fault	Electronic	
Overcurrent	Bimetallic	
Breaking capacity	1.5kA	2.5kA
Electrical endurance	4,000 operations	
Mount	On 35mm DIN rail	
Width	35mm	
Terminal	Screw clamp type (Cable up to 5.5mm <sup>2</sup> )	

# Residual Current Circuit Breakers with Overcurrent Protection

## DIN rail & Screw type



Certificate



BS32c/d

### BS type

#### Technical data

Type	BS32c	BS32d
Protection	Ground fault and overcurrent	
Rated current in	6, 10, 15, 20, 30A	10, 15, 20, 30A
Rated residual current	15, 30mA (Non-adjustable)	
Operating, $I_{\Delta n}$	15, 30mA (Non-adjustable)	
Non-operating, $I_{\Delta no}$	0.5 $I_{\Delta n}$	
Number of poles	2pole	
Rated voltage	110/220VAC	
Residual current off-time	≤ 0.03 sec.	
Standard	IEC 60898, KS	
Approval	CCC CB	
Type of trip		
Ground fault	Electronic	
Overcurrent	Bimetallic	
Breaking capacity	1.5kA	2.5kA
Electrical endurance	4,000 operations	
Mount	On 35mm DIN rail	
Width	35mm	
Terminal	Screw clamp type (Cable up to 5.5mm <sup>2</sup> )	

# Residual Current Circuit Breakers

## DIN rail mounting

Miniature Circuit Breakers &  
Residual Current Devices



Certificate



### RKN type

#### Technical data

Standard	Confirming to IEC61008	
Protection	Ground fault	
Rated current in	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 <sup>2</sup>	
Installation	35mm DIN rail	
Type of operation	A/AC	
Slot size	45mm	

#### Order No.

Pole	$I_n$	$I_{\Delta n}$	Model	Order 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	Order 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

## Residual Current Circuit Breakers

### DIN rail mounting

#### RKN type

##### A type



Pole	In	I <sub>Δn</sub>	Model	Order 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 <sub>Δn</sub>	Model	Order 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

### Technical data

Standard	Confirming to IEC61008	
Protection	Ground fault	
Rated current in	<b>63AF:</b> 25, 40, 63A	<b>100AF:</b> 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	$0.5 \times I_{\Delta n}$	
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 $I_n=63A$	
	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 <sup>2</sup>	
Installation	35mm DIN rail	
Type of operation	A/AC	
Slot size	45mm	

### Order No.

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
	25A	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.)
3P+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
	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

# Residual Current Circuit Breakers

## DIN rail mounting

### RKN-b type

#### A type

CE	Pole	In	I <sub>Δn</sub>	Model	Order No.	Pack. unit (Pcs.)		
	1P+N	25A	30mA	RKN-b 1P+N 25A 30mA A type				06220749R0
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 <sub>Δn</sub>	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 1P+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)		With MCB		
		BKN 1~63A (B, C, D)	BKN-b 1~63A (B, C, D)	BKH 63~125A (C, D)
1P+N	25A	6kA	10kA	-
	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

# Standard busbars



## Description

- Applicable to the 18mm wide module devices
- Rated voltage: 415VAC
- Current rating: 63A
- Standard length: 1m

<b>Type BB101</b> 	For single pole device 
<b>Type BB102</b> 	
<b>Type BB201</b> 	For 2-pole device 
<b>Type BB202</b> 	
<b>Type BB301</b> 	For 3-pole device 
<b>Type BB302</b> 	
<b>Type BB401</b> 	For 4-pole device 
<b>Type BB402</b> 	

Model	Order No.
Busbar, Type BB101, BKN 1P	70211413001
Busbar, Type BB102, BKM 1P	70211413002
Busbar, Type BB201, BKN 2P	70211413003
Busbar, Type BB202, BKM 2P	70211413004
Busbar, Type BB301, BKN 3P	70211413005
Busbar, Type BB302, BKM 3P	70211413006
Busbar, Type BB401, BKN 4P	70211413007
Busbar, Type BB102, BKM 4P	70211413008