

## BKN type



BKN 2P

**Certificate**

CE

### Technical data

<b>Standard</b>	Confirming to IEC60898	
<b>Protection</b>	Against overload and short circuit	
<b>Rated current In</b>	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A	
<b>Rated voltage</b>	1 pole 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>	6000 cycles	6000 cycles
<b>Max. frequency (Cycles/hour)</b>	240	120

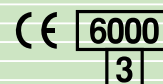


### Optional accessories ... Auxiliary switch, AX

<b>Composition</b>	Consists of 1 changeover contact	
<b>Rating</b>	<b>AC circuit</b>	<b>DC circuit</b>
	6A at 240VAC	2A at 48VDC
	3A at 415VAC	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	

# Miniature circuit breakers

## DIN rail mounting



### BKN type, B curve



**BKN 1P**



**BKN 1P+N**



**BKN 2P**

#### Catalog No.

6kA at 230/400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 230/400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	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	
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	

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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**



**BKN 3P+N**



**BKN 4P**



### Catalog No.

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 400VAC

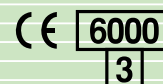
In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN 4P B1A	06140146R0	30	
2A	BKN 4P B2A	06140147R0	30	
3A	BKN 4P B3A	06140148R0	30	
4A	BKN 4P B4A	06140149R0	30	
6A	BKN 4P B6A	06140150R0	30	
10A	BKN 4P B10A	06140151R0	30	
16A	BKN 4P B16A	06140152R0	30	
20A	BKN 4P B20A	06140153R0	30	
25A	BKN 4P 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 (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1EA	BKN-AX-6A	06150002R0		

# Miniature circuit breakers

## DIN rail mounting



### BKN type, C curve



**BKN 1P**



**BKN 1P+N**



**BKN 2P**

#### Catalog No.

6kA at 230/400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 230/400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	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	
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	

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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**



**BKN 3P+N**



**BKN 4P**



### Catalog No.

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 400VAC

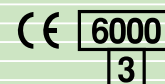
In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN 4P C1A	06140117R0	30	
2A	BKN 4P C2A	06140118R0	30	
3A	BKN 4P C3A	06140119R0	30	
4A	BKN 4P C4A	06140120R0	30	
6A	BKN 4P C6A	06140121R0	30	
10A	BKN 4P C10A	06140122R0	30	
16A	BKN 4P C16A	06140123R0	30	
20A	BKN 4P C20A	06140124R0	30	
25A	BKN 4P 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 (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1EA	BKN-AX-6A	06150002R0		

# Miniature circuit breakers

## DIN rail mounting



### BKN type, D curve



**BKN 1P**



**BKN 1P+N**



**BKN 2P**

#### Catalog No.

6kA at 230/400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 230/400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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**



**BKN 3P+N**



**BKN 4P**



### Catalog No.

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 400VAC

In	Model (1pole)	Catalog 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	
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	

6kA at 400VAC

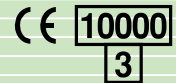
In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN 4P D1A	06140172R0	30	
2A	BKN 4P D2A	06140173R0	30	
3A	BKN 4P D3A	06140174R0	30	
4A	BKN 4P D4A	06140175R0	30	
6A	BKN 4P D6A	06140176R0	30	
10A	BKN 4P D10A	06140177R0	30	
16A	BKN 4P D16A	06140178R0	30	
20A	BKN 4P D20A	06140179R0	30	
25A	BKN 4P 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 (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1EA	BKN-AX-6A	06150002R0		

# Miniature circuit breakers

## DIN rail mounting



### High rupturing capacity



### BKN-b type



BKN-b 2P

Certificate

CE

Patent protection

#### Technical data

Standard	Confirming to IEC60898	
Protection	Against overload and short circuit	
Rated current I <sub>n</sub>	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A	
Rated voltage	1 pole 230/400VAC 50/60Hz 2, 3, 4pole 400VAC 50/60Hz	
Ambient temperature	-5°C to +40°C pursuant to IEC60898	
Breaking capacity	10kA	
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	40 ... 63A
Endurance	8000 cycles	8000 cycles
Max. frequency (Cycles/hour)	240	120

#### Influence of ambient temperature on nominal currents

Nominal current of MCB (A)	Internally resistance (mohm)	Power loss (W)	Max. impedance of impedance loop (Ohm)			Thermal correction of nominal currents				
			Character			Ambient temperature				
			B	C	D	20°C	30°C	40°C	50°C	60°C
1	1215.69	1.24	46.20	25.70	14.40	1.05	1	0.95	0.90	0.85
2	343.28	1.38	21.60	12.02	6.73	2.08	2	1.92	1.84	1.74
3	128.09	1.15	16.90	9.40	5.26	3.18	3	2.82	2.61	2.37
4	105.53	1.68	10.68	5.94	3.33	4.24	4	3.76	3.52	3.24
6	29.22	1.08	7.14	3.97	2.22	6.24	6	5.76	5.52	5.30
10	14.49	1.55	3.87	2.15	1.21	10.60	10	9.30	8.60	7.80
16	10.00	2.56	2.24	1.25	0.70	16.80	16	15.20	14.20	13.30
20	8.02	3.32	1.55	0.86	0.48	21.00	20	19.00	17.80	16.80
25	3.11	2.00	2.43	1.35	0.76	26.20	25	23.70	22.20	20.70
32	3.05	3.17	1.27	0.71	0.40	33.50	32	30.40	28.40	27.50
40	2.16	3.40	0.60	0.33	0.19	42.00	40	38.00	35.60	33.20
50	1.65	4.20	0.71	0.39	0.22	52.50	50	47.40	44.00	40.50
63	1.68	6.30	0.47	0.32	0.15	66.20	63	58.00	54.20	49.20





**BKN-b type, B curve**



**BKN-b 1P**

**Catalog No.**

*10kA at 230/400VAC*

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 1P B1A	06110160R0	120	
2A	BKN-b 1P B2A	06110161R0	120	
3A	BKN-b 1P B3A	06110162R0	120	
4A	BKN-b 1P B4A	06110163R0	120	
6A	BKN-b 1P B6A	06110164R0	120	
10A	BKN-b 1P B10A	06110165R0	120	
16A	BKN-b 1P B16A	06110166R0	120	
20A	BKN-b 1P B20A	06110167R0	120	
25A	BKN-b 1P B25A	06110168R0	120	
32A	BKN-b 1P B32A	06110169R0	120	
40A	BKN-b 1P B40A	06110170R0	120	
50A	BKN-b 1P B50A	06110171R0	120	
63A	BKN-b 1P B63A	06110172R0	120	



**BKN-b 1P+N**

*10kA at 230/400VAC*

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 1P+N B1A	06120417R0	60	
2A	BKN-b 1P+N B2A	06120418R0	60	
3A	BKN-b 1P+N B3A	06120419R0	60	
4A	BKN-b 1P+N B4A	06120420R0	60	
6A	BKN-b 1P+N B6A	06120421R0	60	
10A	BKN-b 1P+N B10A	06120422R0	60	
16A	BKN-b 1P+N B16A	06120423R0	60	
20A	BKN-b 1P+N B20A	06120424R0	60	
25A	BKN-b 1P+N B25A	06120425R0	60	
32A	BKN-b 1P+N B32A	06120426R0	60	
40A	BKN-b 1P+N B40A	06120427R0	60	
50A	BKN-b 1P+N B50A	06120428R0	60	
63A	BKN-b 1P+N B63A	06120429R0	60	



**BKN-b 2P**

*10kA at 400VAC*

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 2P B1A	06120430R0	60	
2A	BKN-b 2P B2A	06120431R0	60	
3A	BKN-b 2P B3A	06120432R0	60	
4A	BKN-b 2P B4A	06120433R0	60	
6A	BKN-b 2P B6A	06120434R0	60	
10A	BKN-b 2P B10A	06120435R0	60	
16A	BKN-b 2P B16A	06120436R0	60	
20A	BKN-b 2P B20A	06120437R0	60	
25A	BKN-b 2P B25A	06120438R0	60	
32A	BKN-b 2P B32A	06120439R0	60	
40A	BKN-b 2P B40A	06120440R0	60	
50A	BKN-b 2P B50A	06120441R0	60	
63A	BKN-b 2P B63A	06120442R0	60	

# Miniature circuit breakers

## DIN rail mounting

CE 10000  
3



**BKN-b type, B curve**



**BKN-b 3P**

### Catalog No.

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 3P B1A	06120443R0	40	
2A	BKN-b 3P B2A	06120444R0	40	
3A	BKN-b 3P B3A	06120445R0	40	
4A	BKN-b 3P B4A	06120446R0	40	
6A	BKN-b 3P B6A	06120447R0	40	
10A	BKN-b 3P B10A	06120448R0	40	
16A	BKN-b 3P B16A	06120449R0	40	
20A	BKN-b 3P B20A	06120450R0	40	
25A	BKN-b 3P B25A	06120451R0	40	
32A	BKN-b 3P B32A	06120452R0	40	
40A	BKN-b 3P B40A	06120453R0	40	
50A	BKN-b 3P B50A	06120454R0	40	
63A	BKN-b 3P B63A	06120455R0	40	



**BKN-b 3P+N**

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 3P+N B1A	06120456R0	30	
2A	BKN-b 3P+N B2A	06120457R0	30	
3A	BKN-b 3P+N B3A	06120458R0	30	
4A	BKN-b 3P+N B4A	06120459R0	30	
6A	BKN-b 3P+N B6A	06120460R0	30	
10A	BKN-b 3P+N B10A	06120461R0	30	
16A	BKN-b 3P+N B16A	06120462R0	30	
20A	BKN-b 3P+N B20A	06120463R0	30	
25A	BKN-b 3P+N B25A	06120464R0	30	
32A	BKN-b 3P+N B32A	06120465R0	30	
40A	BKN-b 3P+N B40A	06120466R0	30	
50A	BKN-b 3P+N B50A	06120467R0	30	
63A	BKN-b 3P+N B63A	06120468R0	30	



**BKN-b 4P**

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 4P B1A	06120469R0	30	
2A	BKN-b 4P B2A	06120470R0	30	
3A	BKN-b 4P B3A	06120471R0	30	
4A	BKN-b 4P B4A	06120472R0	30	
6A	BKN-b 4P B6A	06120473R0	30	
10A	BKN-b 4P B10A	06120474R0	30	
16A	BKN-b 4P B16A	06120475R0	30	
20A	BKN-b 4P B20A	06120476R0	30	
25A	BKN-b 4P B25A	06120477R0	30	
32A	BKN-b 4P B32A	06120478R0	30	
40A	BKN-b 4P B40A	06120479R0	30	
50A	BKN-b 4P B50A	06120480R0	30	
63A	BKN-b 4P B63A	06120481R0	30	



**BKN-b type, C curve**



**BKN-b 1P**

**Catalog No.**

10kA at 230/400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 1P C1A	06110173R0	120	
2A	BKN-b 1P C2A	06110174R0	120	
3A	BKN-b 1P C3A	06110175R0	120	
4A	BKN-b 1P C4A	06110176R0	120	
6A	BKN-b 1P C6A	06110177R0	120	
10A	BKN-b 1P C10A	06110178R0	120	
16A	BKN-b 1P C16A	06110179R0	120	
20A	BKN-b 1P C20A	06110180R0	120	
25A	BKN-b 1P C25A	06110181R0	120	
32A	BKN-b 1P C32A	06110182R0	120	
40A	BKN-b 1P C40A	06110183R0	120	
50A	BKN-b 1P C50A	06110184R0	120	
63A	BKN-b 1P C63A	06110185R0	120	



**BKN-b 1P+N**

10kA at 230/400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 1P+N C1A	06110186R0	60	
2A	BKN-b 1P+N C2A	06110187R0	60	
3A	BKN-b 1P+N C3A	06110188R0	60	
4A	BKN-b 1P+N C4A	06110189R0	60	
6A	BKN-b 1P+N C6A	06110190R0	60	
10A	BKN-b 1P+N C10A	06110191R0	60	
16A	BKN-b 1P+N C16A	06110192R0	60	
20A	BKN-b 1P+N C20A	06110193R0	60	
25A	BKN-b 1P+N C25A	06110194R0	60	
32A	BKN-b 1P+N C32A	06110195R0	60	
40A	BKN-b 1P+N C40A	06110196R0	60	
50A	BKN-b 1P+N C50A	06110197R0	60	
63A	BKN-b 1P+N C63A	06110198R0	60	



**BKN-b 2P**

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 2P C1A	06110199R0	60	
2A	BKN-b 2P C2A	06110200R0	60	
3A	BKN-b 2P C3A	06110201R0	60	
4A	BKN-b 2P C4A	06110202R0	60	
6A	BKN-b 2P C6A	06110203R0	60	
10A	BKN-b 2P C10A	06110204R0	60	
16A	BKN-b 2P C16A	06110205R0	60	
20A	BKN-b 2P C20A	06110206R0	60	
25A	BKN-b 2P C25A	06110207R0	60	
32A	BKN-b 2P C32A	06110208R0	60	
40A	BKN-b 2P C40A	06110209R0	60	
50A	BKN-b 2P C50A	06110210R0	60	
63A	BKN-b 2P C63A	06110211R0	60	

# Miniature circuit breakers

## DIN rail mounting

CE 10000  
3



**BKN-b type, C curve**



**BKN-b 3P**

### Catalog No.

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 3P C1A	06110212R0	40	
2A	BKN-b 3P C2A	06110213R0	40	
3A	BKN-b 3P C3A	06110214R0	40	
4A	BKN-b 3P C4A	06110215R0	40	
6A	BKN-b 3P C6A	06110216R0	40	
10A	BKN-b 3P C10A	06110217R0	40	
16A	BKN-b 3P C16A	06110218R0	40	
20A	BKN-b 3P C20A	06110219R0	40	
25A	BKN-b 3P C25A	06110220R0	40	
32A	BKN-b 3P C32A	06110221R0	40	
40A	BKN-b 3P C40A	06110222R0	40	
50A	BKN-b 3P C50A	06110223R0	40	
63A	BKN-b 3P C63A	06110224R0	40	



**BKN-b 3P+N**

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 3P+N C1A	06110225R0	30	
2A	BKN-b 3P+N C2A	06110226R0	30	
3A	BKN-b 3P+N C3A	06110227R0	30	
4A	BKN-b 3P+N C4A	06110228R0	30	
6A	BKN-b 3P+N C6A	06110229R0	30	
10A	BKN-b 3P+N C10A	06110230R0	30	
16A	BKN-b 3P+N C16A	06110231R0	30	
20A	BKN-b 3P+N C20A	06110232R0	30	
25A	BKN-b 3P+N C25A	06110233R0	30	
32A	BKN-b 3P+N C32A	06110234R0	30	
40A	BKN-b 3P+N C40A	06110235R0	30	
50A	BKN-b 3P+N C50A	06110236R0	30	
63A	BKN-b 3P+N C63A	06110237R0	30	



**BKN-b 4P**

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 4P C1A	06110238R0	30	
2A	BKN-b 4P C2A	06110239R0	30	
3A	BKN-b 4P C3A	06110240R0	30	
4A	BKN-b 4P C4A	06110241R0	30	
6A	BKN-b 4P C6A	06110242R0	30	
10A	BKN-b 4P C10A	06110243R0	30	
16A	BKN-b 4P C16A	06110244R0	30	
20A	BKN-b 4P C20A	06110245R0	30	
25A	BKN-b 4P C25A	06110246R0	30	
32A	BKN-b 4P C32A	06110247R0	30	
40A	BKN-b 4P C40A	06110248R0	30	
50A	BKN-b 4P C50A	06110249R0	30	
63A	BKN-b 4P C63A	06110250R0	30	



**BKN-b type, D curve**



**BKN-b 1P**

**Catalog No.**

*10kA at 230/400VAC*

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 1P D1A	06110251R0	120	
2A	BKN-b 1P D2A	06110252R0	120	
3A	BKN-b 1P D3A	06110253R0	120	
4A	BKN-b 1P D4A	06110254R0	120	
6A	BKN-b 1P D6A	06110255R0	120	
10A	BKN-b 1P D10A	06110256R0	120	
16A	BKN-b 1P D16A	06110257R0	120	
20A	BKN-b 1P D20A	06110258R0	120	
25A	BKN-b 1P D25A	06110259R0	120	
32A	BKN-b 1P D32A	06110260R0	120	
40A	BKN-b 1P D40A	06110261R0	120	
50A	BKN-b 1P D50A	06110262R0	120	
63A	BKN-b 1P D63A	06110263R0	120	



**BKN-b 1P+N**

*10kA at 230/400VAC*

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 1P+N D1A	06110264R0	60	
2A	BKN-b 1P+N D2A	06110265R0	60	
3A	BKN-b 1P+N D3A	06110266R0	60	
4A	BKN-b 1P+N D4A	06110267R0	60	
6A	BKN-b 1P+N D6A	06110268R0	60	
10A	BKN-b 1P+N D10A	06110269R0	60	
16A	BKN-b 1P+N D16A	06110270R0	60	
20A	BKN-b 1P+N D20A	06110271R0	60	
25A	BKN-b 1P+N D25A	06110272R0	60	
32A	BKN-b 1P+N D32A	06110273R0	60	
40A	BKN-b 1P+N D40A	06110274R0	60	
50A	BKN-b 1P+N D50A	06110275R0	60	
63A	BKN-b 1P+N D63A	06110276R0	60	



**BKN-b 2P**

*10kA at 400VAC*

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 2P D1A	06110277R0	60	
2A	BKN-b 2P D2A	06110278R0	60	
3A	BKN-b 2P D3A	06110279R0	60	
4A	BKN-b 2P D4A	06110280R0	60	
6A	BKN-b 2P D6A	06110281R0	60	
10A	BKN-b 2P D10A	06110282R0	60	
16A	BKN-b 2P D16A	06110283R0	60	
20A	BKN-b 2P D20A	06110284R0	60	
25A	BKN-b 2P D25A	06110285R0	60	
32A	BKN-b 2P D32A	06110286R0	60	
40A	BKN-b 2P D40A	06110287R0	60	
50A	BKN-b 2P D50A	06110288R0	60	
63A	BKN-b 2P D63A	06110289R0	60	

# Miniature circuit breakers

## DIN rail mounting

CE 10000  
3



**BKN-b type, D curve**



**BKN-b 3P**

### Catalog No.

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 3P D1A	06110290R0	40	
2A	BKN-b 3P D2A	06110291R0	40	
3A	BKN-b 3P D3A	06110292R0	40	
4A	BKN-b 3P D4A	06110293R0	40	
6A	BKN-b 3P D6A	06110294R0	40	
10A	BKN-b 3P D10A	06110295R0	40	
16A	BKN-b 3P D16A	06110296R0	40	
20A	BKN-b 3P D20A	06110297R0	40	
25A	BKN-b 3P D25A	06110298R0	40	
32A	BKN-b 3P D32A	06110299R0	40	
40A	BKN-b 3P D40A	06110300R0	40	
50A	BKN-b 3P D50A	06110301R0	40	
63A	BKN-b 3P D63A	06110302R0	40	



**BKN-b 3P+N**

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 3P+N D1A	06110303R0	30	
2A	BKN-b 3P+N D2A	06110304R0	30	
3A	BKN-b 3P+N D3A	06110305R0	30	
4A	BKN-b 3P+N D4A	06110306R0	30	
6A	BKN-b 3P+N D6A	06110307R0	30	
10A	BKN-b 3P+N D10A	06110308R0	30	
16A	BKN-b 3P+N D16A	06110309R0	30	
20A	BKN-b 3P+N D20A	06110310R0	30	
25A	BKN-b 3P+N D25A	06110311R0	30	
32A	BKN-b 3P+N D32A	06110312R0	30	
40A	BKN-b 3P+N D40A	06110313R0	30	
50A	BKN-b 3P+N D50A	06110314R0	30	
63A	BKN-b 3P+N D63A	06110315R0	30	



**BKN-b 4P**

10kA at 400VAC

In	Model (1pole)	Catalog No.	Pack. unit (Pcs.)	PRICE
1A	BKN-b 4P D1A	06110316R0	30	
2A	BKN-b 4P D2A	06110317R0	30	
3A	BKN-b 4P D3A	06110318R0	30	
4A	BKN-b 4P D4A	06110319R0	30	
6A	BKN-b 4P D6A	06110320R0	30	
10A	BKN-b 4P D10A	06110321R0	30	
16A	BKN-b 4P D16A	06110322R0	30	
20A	BKN-b 4P D20A	06110323R0	30	
25A	BKN-b 4P D25A	06110324R0	30	
32A	BKN-b 4P D32A	06110325R0	30	
40A	BKN-b 4P D40A	06110326R0	30	
50A	BKN-b 4P D50A	06110327R0	30	
63A	BKN-b 4P D63A	06110328R0	30	

## High rupturing capacity

## BKH type



BKH 1P

### Technical data

<b>Standard</b>	Confirming to IEC60947-2
<b>Protection</b>	Overload and short circuit
<b>Rated current In</b>	63, 80, 100, 125A
<b>Rated voltage</b>	1 pole 230/400VAC 50/60Hz 2, 3, 4pole 400VAC 50/60Hz
<b>Breaking capacity</b>	10kA
<b>Characteristic</b>	C, D curve
<b>Number of poles</b>	1P, 2P, 3P, 3P+N, 4P
<b>Type of trip</b>	Thermal magnetic release
<b>Type of terminal</b>	Lug type
<b>Terminal capacity</b>	Cables up to 50mm <sup>2</sup>
<b>Installation</b>	Mounting on 35mm DIN rail
<b>Width</b>	27mm per pole
<b>Electrical endurance</b>	6000 cycles

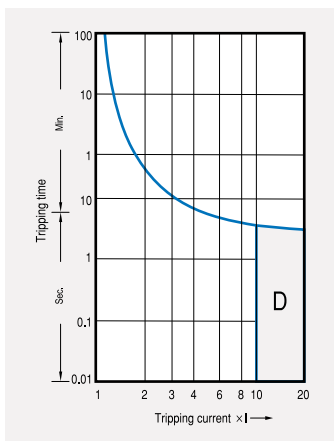
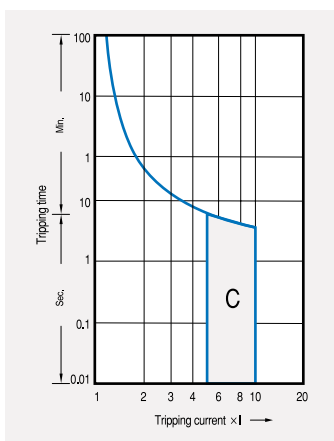
### Catalog No.

#### C curve

Type	In	Model	Catalog No.	Pack. unit (Pcs.)	PRICE
1P	63A	BKH -C-63-1	06110329R0	72	
	80A	BKH -C-80-1	06110330R0	72	
	100A	BKH -C-100-1	06110331R0	72	
	125A	BKH -C-125-1	06110332R0	72	
2P	63A	BKH -C-63-2	06110337R0	36	
	80A	BKH -C-80-2	06110338R0	36	
	100A	BKH -C-100-2	06110339R0	36	
	125A	BKH -C-125-2	06110340R0	36	
3P	63A	BKH -C-63-3	06110345R0	24	
	80A	BKH -C-80-3	06110346R0	24	
	100A	BKH -C-100-3	06110347R0	24	
	125A	BKH -C-125-3	06110348R0	24	
3P+N	63A	BKH -C-63-3+N	06110353R0	18	
	80A	BKH -C-80-3+N	06110354R0	18	
	100A	BKH -C-100-3+N	06110355R0	18	
	125A	BKH -C-125-3+N	06110356R0	18	
4P	63A	BKH -C-63-4	06110361R0	18	
	80A	BKH -C-80-4	06110362R0	18	
	100A	BKH -C-100-4	06110363R0	18	
	125A	BKH -C-125-4	06110364R0	18	

#### D curve

Type	In	Model	Catalog No.	Pack. unit (Pcs.)	PRICE
1P	63A	BKH -D-63-1	06110333R0	72	
	80A	BKH -D-80-1	06110334R0	72	
	100A	BKH -D-100-1	06110335R0	72	
	125A	BKH -D-125-1	06110336R0	72	
2P	63A	BKH -D-63-2	06110341R0	36	
	80A	BKH -D-80-2	06110342R0	36	
	100A	BKH -D-100-2	06110343R0	36	
	125A	BKH -D-125-2	06110344R0	36	
3P	63A	BKH -D-63-3	06110349R0	24	
	80A	BKH -D-80-3	06110350R0	24	
	100A	BKH -D-100-3	06110351R0	24	
	125A	BKH -D-125-3	06110352R0	24	
3P+N	63A	BKH -D-63-3+N	06110357R0	18	
	80A	BKH -D-80-3+N	06110358R0	18	
	100A	BKH -D-100-3+N	06110359R0	18	
	125A	BKH -D-125-3+N	06110360R0	18	
4P	63A	BKH -D-63-4	06110365R0	18	
	80A	BKH -D-80-4	06110366R0	18	
	100A	BKH -D-100-4	06110367R0	18	
	125A	BKH -D-125-4	06110368R0	18	



# Miniature circuit breakers

## DIN rail mounting

CE 3000

### BKP type



BKP 1P+N

#### Technical data

Standard	Confirming to IEC60898
Protection	Overload and short circuit
Rated current In	3, 6, 10, 16, 20, 25, 32A
Rated voltage	230VAC
Breaking capacity	3kA
Characteristic	B, C, D curve
Number of poles	1P+N
Type of trip	Thermal magnetic release
Type of terminal	Lug type
Terminal capacity	Cables up to 10mm <sup>2</sup>
Installation	Mounting on 35mm DIN rail
Width	17.8mm per pole
Electrical endurance	20000 cycles

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#### Catalog No.

Pole	Type	In	Model	Catalog No.	Pack. unit (Pcs.)	PRICE
1P+N	B curve	3A	BKP B3A	06120302R0	120	
		6A	BKP B6A	06120228R0	120	
		10A	BKP B10A	06120229R0	120	
		16A	BKP B16A	06120230R0	120	
		20A	BKP B20A	06120231R0	120	
		25A	BKP B25A	06120303R0	120	
	C curve	32A	BKP B32A	06120232R0	120	
		3A	BKP C3A	06120307R0	120	
		6A	BKP C6A	06120235R0	120	
		10A	BKP C10A	06120236R0	120	
		16A	BKP C16A	06120237R0	120	
		20A	BKP C20A	06120238R0	120	
D curve	25A	BKP C25A	06120309R0	120		
	32A	BKP C32A	06120239R0	120		
	3A	BKP D3A	06120308R0	120		
	6A	BKP D6A	06120242R0	120		
	10A	BKP D10A	06120243R0	120		
	16A	BKP D16A	06120244R0	120		
	20A	BKP D20A	06120245R0	120		
	25A	BKP D25A	06120311R0	120		
	32A	BKP D32A	06120246R0	120		



# Miniature circuit breakers

## Residual current circuit breakers, RKP & KGR type



RKP 1P+N

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### Technical data

Type	RKP	32KGRa	32KGRb
Protection	Ground fault and overcurrent	Ground fault and overcurrent	
Rated current, I <sub>n</sub>	3(C, D) 6, 10, 16, 20, 25, 32A (B, C, D curve)	15, 20, 30A	
Rated residual current			
Operating, I <sub>Δn</sub>	30, 100, 300mA (non-adjustable)	15, 30mA (non-adjustable)	
Non-operating, I <sub>Δno</sub>	0.5I <sub>Δn</sub>	0.5I <sub>Δn</sub>	
Number of poles	1P+N	2pole	
Rated voltage	230VAC	110/220VAC	
Residual current off-time	≤ 0.1 sec.	≤ 0.03 sec.	
Standard	IEC 61009	KS, JIS (IEC 61009)*	
Type of trip			
Ground fault	Electro-magnetic	Electronic	
Overcurrent	Thermal-magnetic	Bimetallic	
Breaking capacity	3kA	1.5kA	2.5kA
Electrical endurance	20000 operations	6000 operations	
Mount	On 35mm DIN rail	On 35mm DIN rail	
Width	9mm per pole	35mm	
Terminal	Lug type (cable up to 10mm <sup>2</sup> )	Screw clamp type (cable up to 25mm <sup>2</sup> )	

Note) \*IEC 61009 standard is applicable for 32KGRa

### Catalog No.

#### RKP B curve

In	I <sub>Δn</sub>	Model	Catalog No.	Pack. unit (Pcs.)
3A	30mA	Not applicable	Not applicable	Not applicable
	100mA	Not applicable	Not applicable	Not applicable
	300mA	Not applicable	Not applicable	Not applicable
6A	30mA	RKP-B6-1+N/30mA	06220123R0	60
	100mA	RKP-B6-1+N/100mA	06220124R0	60
	300mA	RKP-B6-1+N/300mA	06220125R0	60
10A	30mA	RKP-B10-1+N/30mA	06220127R0	60
	100mA	RKP-B10-1+N/100mA	06220128R0	60
	300mA	RKP-B10-1+N/300mA	06220129R0	60
16A	30mA	RKP-B16-1+N/30mA	06220131R0	60
	100mA	RKP-B16-1+N/100mA	06220132R0	60
	300mA	RKP-B16-1+N/300mA	06220133R0	60
20A	30mA	RKP-B20-1+N/30mA	06220135R0	60
	100mA	RKP-B20-1+N/100mA	06220136R0	60
	300mA	RKP-B20-1+N/300mA	06220137R0	60
25A	30mA	RKP-B25-1+N/30mA	06220139R0	60
	100mA	RKP-B25-1+N/100mA	06220140R0	60
	300mA	RKP-B25-1+N/300mA	06220141R0	60
32A	30mA	RKP-B32-1+N/30mA	06220143R0	60
	100mA	RKP-B32-1+N/100mA	06220144R0	60
	300mA	RKP-B32-1+N/300mA	06220145R0	60

#### RKP C curve

In	I <sub>Δn</sub>	Model	Catalog No.	Pack. unit (Pcs.)
3A	30mA	RKP-C3-1+N/30mA	06220147R0	60
	100mA	RKP-C3-1+N/100mA	06220148R0	60
	300mA	RKP-C3-1+N/300mA	06220149R0	60
6A	30mA	RKP-C6-1+N/30mA	06220151R0	60
	100mA	RKP-C6-1+N/100mA	06220152R0	60
	300mA	RKP-C6-1+N/300mA	06220153R0	60
10A	30mA	RKP-C10-1+N/30mA	06220155R0	60
	100mA	RKP-C10-1+N/100mA	06220156R0	60
	300mA	RKP-C10-1+N/300mA	06220157R0	60
16A	30mA	RKP-C16-1+N/30mA	06220159R0	60
	100mA	RKP-C16-1+N/100mA	06220160R0	60
	300mA	RKP-C16-1+N/300mA	06220161R0	60
20A	30mA	RKP-C20-1+N/30mA	06220163R0	60
	100mA	RKP-C20-1+N/100mA	06220164R0	60
	300mA	RKP-C20-1+N/300mA	06220165R0	60
25A	30mA	RKP-C25-1+N/30mA	06220167R0	60
	100mA	RKP-C25-1+N/100mA	06220168R0	60
	300mA	RKP-C25-1+N/300mA	06220169R0	60
32A	30mA	RKP-C32-1+N/30mA	06220171R0	60
	100mA	RKP-C32-1+N/100mA	06220172R0	60
	300mA	RKP-C32-1+N/300mA	06220173R0	60



RKP 1P+N

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### Catalog No.

#### RKP D curve



In	I <sub>Δn</sub>	Model	Catalog No.	Pack. unit (Pcs.)
3A	30mA	RKP-D3-1+N/30mA	06220175R0	60
	100mA	RKP-D3-1+N/100mA	06220176R0	60
	300mA	RKP-D3-1+N/300mA	06220177R0	60
6A	30mA	RKP-D6-1+N/30mA	06220179R0	60
	100mA	RKP-D6-1+N/100mA	06220180R0	60
	300mA	RKP-D6-1+N/300mA	06220181R0	60
10A	30mA	RKP-D10-1+N/30mA	06220183R0	60
	100mA	RKP-D10-1+N/100mA	06220184R0	60
	300mA	RKP-D10-1+N/300mA	06220185R0	60
16A	30mA	RKP-D16-1+N/30mA	06220187R0	60
	100mA	RKP-D16-1+N/100mA	06220188R0	60
	300mA	RKP-D16-1+N/300mA	06220189R0	60
20A	30mA	RKP-D20-1+N/30mA	06220191R0	60
	100mA	RKP-D20-1+N/100mA	06220192R0	60
	300mA	RKP-D20-1+N/300mA	06220193R0	60
25A	30mA	RKP-D25-1+N/30mA	06220195R0	60
	100mA	RKP-D25-1+N/100mA	06220196R0	60
	300mA	RKP-D25-1+N/300mA	06220197R0	60
32A	30mA	RKP-D32-1+N/30mA	06220199R0	60
	100mA	RKP-D32-1+N/100mA	06220200R0	60
	300mA	RKP-D32-1+N/300mA	06220201R0	60



32KGRb

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#### 32KGRa Type



In	I <sub>Δn</sub>	Model	Catalog No.	Pack. unit (Pcs.)
15A	15mA	32KGRa 15A 15mA 0.03S	0750000400	60
	30mA	32KGRa 15A 30mA 0.03S	0750000100	60
20A	15mA	32KGRa 20A 15mA 0.03S	0750000500	60
	30mA	32KGRa 20A 30mA 0.03S	0750000200	60
30A	15mA	32KGRa 30A 15mA 0.03S	0750000600	60
	30mA	32KGRa 30A 30mA 0.03S	0750000300	60

#### 32KGRb Type

In	I <sub>Δn</sub>	Model	Catalog No.	Pack. unit (Pcs.)
15A	15mA	32KGRb 15A 15mA 0.03S	0748001000	60
	30mA	32KGRb 15A 30mA 0.03S	0748001100	60
20A	15mA	32KGRb 20A 15mA 0.03S	0748001200	60
	30mA	32KGRb 20A 30mA 0.03S	0748001300	60
30A	15mA	32KGRb 30A 15mA 0.03S	0748001400	60
	30mA	32KGRb 30A 30mA 0.03S	0748001500	60

### Residual current circuit breakers, RKN type



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#### Technical data

<b>Type</b>	<b>RKN</b>	
<b>Standard</b>	Confirming to IEC61008	
<b>Protection</b>	Ground fault	
<b>Rated current, I<sub>n</sub></b>	25, 32, 40, 63A	
<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	
<b>Rated conditional short-circuit current, I<sub>nc</sub></b>	1500A for I <sub>n</sub> =25, 32, 40A	
	3000A for I <sub>n</sub> =63A	
<b>Type of trip</b>	Electro-magnetic release	
<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>Slot size</b>	45mm	

#### Catalog No.

Pole	I <sub>n</sub>	I <sub>Δn</sub>	Model	Catalog No.	Pack.unit (Pcs.)
2P	25A	30mA	RKN -25-2/30mA	06220103R0	60
			RKN -32-2/30mA	06220106R0	60
			RKN -40-2/30mA	06220109R0	60
			RKN -63-2/30mA	06220112R0	60
	32A	100mA	RKN -25-2/100mA	06220104R0	60
			RKN -32-2/100mA	06220107R0	60
			RKN -40-2/100mA	06220110R0	60
			RKN -63-2/100mA	06220113R0	60
	40A	300mA	RKN -25-2/300mA	06220105R0	60
			RKN -32-2/300mA	06220108R0	60
			RKN -40-2/300mA	06220111R0	60
			RKN -63-2/300mA	06220114R0	60

Pole	I <sub>n</sub>	I <sub>Δn</sub>	Model	Catalog No.	Pack.unit (Pcs.)
4P	25A	30mA	RKN -25-4/30mA	06240013R0	30
			RKN -32-4/30mA	06240016R0	30
			RKN -40-4/30mA	06240019R0	30
			RKN -63-4/30mA	06240022R0	30
	32A	100mA	RKN -25-4/100mA	06240014R0	30
			RKN -32-4/100mA	06240017R0	30
			RKN -40-4/100mA	06240020R0	30
			RKN -63-4/100mA	06240023R0	30
	40A	300mA	RKN -25-4/300mA	06240015R0	30
			RKN -32-4/300mA	06240018R0	30
			RKN -40-4/300mA	06240021R0	30
			RKN -63-4/300mA	06240024R0	30