DIN rail mounting

RKP type

Certificate

RKP 1P+N

Technical data

Protection		Ground fault and overcurrent
Rated current		3 (C, D curve), 6, 10, 16, 20, 25, 32A (B, C, D curve)
Rated residual current	Operating, $I_{\Delta n}$	30, 100, 300mA (Non-adjustable)
	Non-operating, $I_{\Delta no}$	$0.5I_{\Delta n}$
Number of poles		1P+N
Rated voltage		230VAC
Residual current off-time		≤ 0.1 sec.
Standard		IEC 61009
Approval		CCC, SEMKO CB, CE, SABS
Type of trip	Ground fault	Electronic
	Overcurrent	Thermal-magnetic
Breaking capacity		4.5kA
Electrical endurance		4,000 operations
Mount		On 35mm DIN rail
Width		9mm per pole
Terminal		Lug type (Cable up to $10mm^2$)

RKP B curve

In	$I_{\Delta n}$	Model	Order No.
3A	30mA	Not applicable	Not applicable
	100mA	Not applicable	Not applicable
	300mA	Not applicable	Not applicable
6A	30mA	RKP 1P+N B6A 30mA	06220123R0
	100mA	RKP 1P+N B6A 100mA	06220124R0
	300mA	RKP 1P+N B6A 300mA	06220125R0
10A	30mA	RKP 1P+N B10A 30mA	06220127R0
	100mA	RKP 1P+N B10A 100mA	06220128R0
	300mA	RKP 1P+N B10A 300mA	06220129R0
16A	30mA	RKP 1P+N B16A 30mA	06220131R0
	100mA	RKP 1P+N B16A 100mA	06220132R0
	300mA	RKP 1P+N B16A 300mA	06220133R0
20A	30mA	RKP 1P+N B20A 30mA	06220135R0
	100mA	RKP 1P+N B20A 100mA	06220136R0
	300mA	RKP 1P+N B20A 300mA	06220137R0
25A	30mA	RKP 1P+N B25A 30mA	06220139R0
	100mA	RKP 1P+N B25A 100mA	06220140R0
	300mA	RKP 1P+N B25A 300mA	06220141R0
32A	30mA	RKP 1P+N B32A 30mA	06220143R0
	100mA	RKP 1P+N B32A 100mA	06220144R0
	300mA	RKP 1P+N B32A 300mA	06220145R0

RKP type

Certificate

RKP 1P+N

RKP C curve

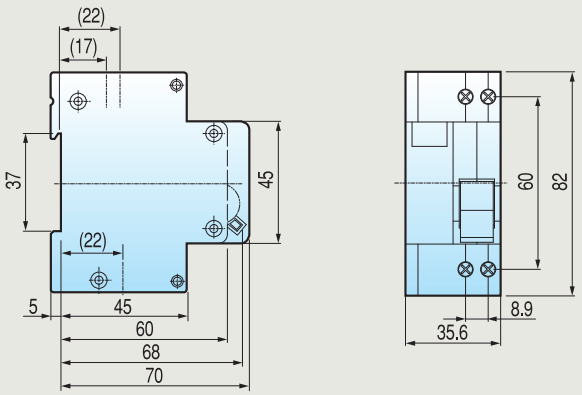
In	I△n	Model	Order No.
3A	30mA	RKP 1P+N C3A 30mA	06220147R0
	100mA	RKP 1P+N C3A 100mA	06220148R0
	300mA	RKP 1P+N C3A 300mA	06220149R0
6A	30mA	RKP 1P+N C6A 30mA	06220151R0
	100mA	RKP 1P+N C6A 100mA	06220152R0
	300mA	RKP 1P+N C6A 300mA	06220153R0
10A	30mA	RKP 1P+N C10A 30mA	06220155R0
	100mA	RKP 1P+N C10A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

Certificate

RKP D curve

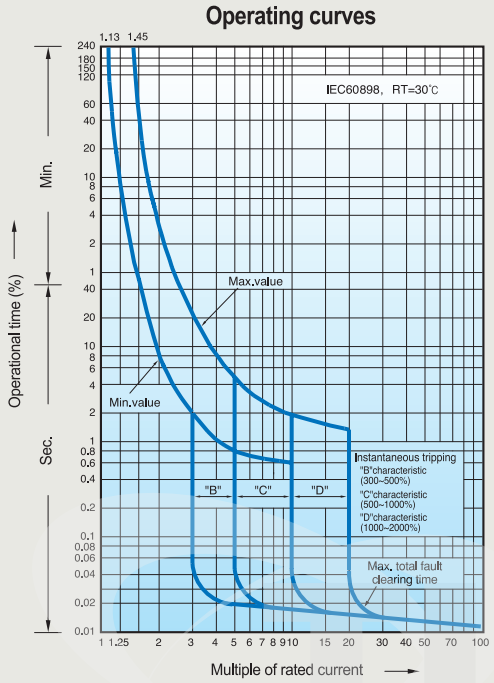
In	I△n	Model	Order No.
3A	30mA	RKP 1P+N D3A 30mA	06220175R0
	100mA	RKP 1P+N D3A 100mA	06220176R0
	300mA	RKP 1P+N D3A 300mA	06220177R0
6A	30mA	RKP 1P+N D6A 30mA	06220179R0
	100mA	RKP 1P+N D6A 100mA	06220180R0
	300mA	RKP 1P+N D6A 300mA	06220181R0
10A	30mA	RKP 1P+N D10A 30mA	06220183R0
	100mA	RKP 1P+N D10A 100mA	06220184R0
	300mA	RKP 1P+N D10A 300mA	06220185R0
16A	30mA	RKP 1P+N D16A 30mA	06220187R0
	100mA	RKP 1P+N D16A 100mA	06220188R0
	300mA	RKP 1P+N D16A 300mA	06220189R0
20A	30mA	RKP 1P+N D10A 30mA	06220191R0
	100mA	RKP 1P+N D10A 100mA	06220192R0
	300mA	RKP 1P+N D10A 300mA	06220193R0
25A	30mA	RKP 1P+N D25A 30mA	06220195R0
	100mA	RKP 1P+N D25A 100mA	06220196R0
	300mA	RKP 1P+N D25A 300mA	06220197R0
32A	30mA	RKP 1P+N D32A 30mA	06220199R0
	100mA	RKP 1P+N D32A 100mA	06220200R0
	300mA	RKP 1P+N D32A 300mA	06220201R0

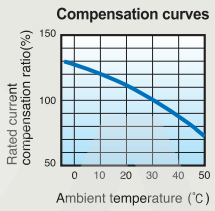
RKP



Characteristics curves & temperature compensation

RKP





RKP
(Temperature compensation table)(IEC60 898-1)

In(A)	20℃	25℃	30℃	35℃	40℃	45℃	50℃	55℃	60℃
1	1.05	1.02	1.0	0.98	0.95	0.93	0.9	0.88	0.85
2	2.08	2.04	2.0	1.96	1.92	1.88	1.84	1.8	1.74
3	3.18	3.09	3.0	2.91	2.82	2.7	2.61	2.49	2.37
4	4.24	4.12	4.0	3.88	3.76	3.64	3.52	3.36	3.24
6	6.24	6.12	6.0	5.88	5.76	5.64	5.52	5.4	5.3
10	10.6	10.3	10.0	9.7	9.3	9.0	8.6	8.2	7.8
16	16.8	16.5	16.0	15.5	15.2	14.7	14.2	13.8	13.3
20	21.0	20.6	20.0	19.4	19.0	18.4	17.8	17.4	16.8
25	26.2	25.7	25.0	24.2	23.7	23.0	22.2	21.5	20.7
32	33.5	32.9	32.0	31.4	30.4	29.8	28.4	28.2	27.5
40	42.0	41.2	40.0	38.8	38.0	36.8	35.6	34.4	33.2
50	52.5	51.5	50.0	48.5	47.4	45.5	44.0	42.5	40.5
63	66.2	64.9	63.0	61.0	58.0	56.7	54.2	51.7	49.2

I1: 113% In, I2: 145% In according to IEC60 898-1