

# Modular Protective Devices

## Miniature Circuit Breaker & Accessories



## Electronic Combined RCCB & MCB Device RNC2-32

Rated Current In(A)	Type Designation	Article Number
		TypeAC3kA
<b>1+N-pole, 2MU, Characteristic B/C</b>		
06/0.03	RNC206030	C23201
06/0.10	RNC206100	C23202
06/0.30	RNC206300	C23203
10/0.03	RNC210030	C23204
10/0.10	RNC210100	C23205
10/0.30	RNC210300	C23206
13/0.03	RNC213030	C23207
13/0.10	RNC213100	C23208
13/0.30	RNC213300	C23209
16/0.03	RNC216030	C23210
16/0.10	RNC216100	C23211
16/0.30	RNC216300	C23212
20/0.03	RNC220030	C23213
20/0.10	RNC220100	C23214
20/0.30	RNC220300	C23215
25/0.03	RNC225030	C23216
25/0.10	RNC225100	C23217
25/0.30	RNC225300	C23218
32/0.03	RNC232030	C23219
32/0.10	RNC232100	C23220
32/0.30	RNC232300	C23221

## Technical Data

Electrical		Mechanical	
Design according to	IEC/EN 61009	Frame size	45 mm
Current test marks as printed onto the device		Device height	74 mm
Rated voltage	220/230 V; 50/60 Hz	Device width	36 mm (2MU)
Voltage range for protective function	176-250 V~	Mounting	quick fastening on DIN rail IEC/EN 60715
Rated tripping current	30/100/300 mA	Upper and lower terminals	open mouthed/lift terminals
Rated non-tripping current $I\Delta n_0$	0.5 $I\Delta n$	Terminal protection	finger and hand touch safe,
Sensitivity	AC and pulsating DC	Terminal capacity	1-16 mm <sup>2</sup>
Selectivity class	3	Busbar thickness	0.8-2 mm
Rated breaking capacity	4.5 kA/3kA	Terminal fastening torque	2.0Nm
Rated current	6-32 A	Degree of protection switch	IP20
Characteristic	B/C	Degree of protection, built-in	IP40
Ultimate short circuit breaking capacity $I_{cn}$	4.5 kA	Tripping temperature	-5 °C to +40 °C
Rated short circuit breaking capacity $I_{cs}$	4.5 kA	Resistance to climatic conditions	acc. to IEC/EN 61009
Rated fault breaking capacity $I\Delta m$	4.5kA		
Endurance electro-mechanical comp.	=4,000 operating cycles		

### Dimensions(mm)

### Tripping Characteristics

Tripping characteristic B

Tripping characteristic C

Quick-acting (B), slow (C), very slow (D)