



**RCD/RCB, 32A, 100mA, miniature circuit-breaker trip curve C, 3pole+N, residual current circuit-breaker trip characteristic: A**

**Part no.** mRB4-32/3N/C/01-A  
**Article no.** 167509  
**Catalog No.** MRB4-32/3N/C/01-A

Similar to illustration

## Delivery program

Basic function			Combined RCD/RCB devices
Number of poles			3 pole+N
Tripping characteristic			C
Application			Switchgear for residential and commercial applications
Rated current	$I_n$	A	32
Rated switching capacity according to IEC/EN 61009		kA	4.5
Rated fault current	$I_{\Delta N}$	A	0.1
Type			Type A
Tripping		A	non-delayed
Product range			mRB4
Sensitivity			Pulse-current sensitive
Impulse withstand current			Partly surge-proof 250 A

## Technical data

### Electrical

Tripping		A	non-delayed
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## Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	32
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{vid}$	W	12.8
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	40
			0

## Technical data ETIM 6.0

Circuit breakers and fuses (EG000020) / Earth leakage circuit breaker (EC000905)			
Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / MCB/RCCB combination (ecl@ss8.1-27-14-22-07 [AFZ810012])			
Number of poles (total)			4
Number of protected poles			3
Nominal rated voltage		V	230
Nominal rated current		A	32
Rated fault current		A	0,1
Leakage current type			A
Current limiting class			3
Rated short-circuit breaking capacity EN 60898		kA	4
Rated short-circuit breaking capacity IEC 60947-2		kA	0
Frequency			50 Hz
Release characteristic			C
Concurrently switching N-neutral			Yes
Over voltage category			3
Pollution degree			2

Width in number of modular spacings		4
Built-in depth	mm	70
Suitable for flush-mounted installation		No
Degree of protection (IP)		IP20
Surge current capacity	kA	0.25
Voltage type		AC
Antinuisance tripping version		No