



**RCD/MCB, 32A, 30mA, miniature circuit-breaker trip curve C, 3pole+N,
residual current circuit-breaker trip characteristic: A**

Part no. mRB4-32/3N/C/003-A
Article no. 167508
Catalog No. MRB4-32/3N/C/003-A

Delivery program

Basic function			Combined RCD/MCB 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	0.03
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	0,03
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