

RCD/MCB, 20A, 100mA, miniature circuit-breaker trip curve B, 2 p, residual current circuit-breaker trip characteristic: A



Part no. Article no. PKPM2-20/2/B/01-A 108116

Similar to illustration

Delivery program

Basic function			Combined RCD/MCB devices
Number of poles			2 pole
Tripping characteristic			В
Application			Switchgear for residential and commercial applications
Rated current	In	А	20
Rated switching capacity according to IEC/EN 61009		kA	10
Rated fault current	$I_{\Delta N}$	А	0.1
Туре			Туре А
Tripping		А	non-delayed
Product range			PKPM2
Sensitivity			Pulse-current sensitive
Impulse withstand current			Partly surge-proof 250 A

Technical data

Electrical

Sensitivity	Pulse-current sensitive

Design verification as per IEC/EN 61439

Rated operational current for specified heat dissipation In A 20 Heat dissipation per pole, current-dependent Pvid Ve 0 Equipment heat dissipation, current-dependent Pvid Ve 59 Static heat dissipation, non-current-dependent Pvis Ve 0 Heat dissipation capacity Pdiss Ve 0 Operating ambient temperature min. Pdiss Ve 25 Operating ambient temperature max. Point Point Point	Design verification as per IEC/EN 61439			
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	10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.9 Insulation properties	10.8 Connections for external conductors			Is the panel builder's responsibility.
	10.9 Insulation properties			

10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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)			2
Number of protected poles			2
Nominal rated voltage	V	1	230
Nominal rated current	A	1	20
Rated fault current	A	1	0.1
Leakage current type			A
Current limiting class			3
Rated short-circuit breaking capacity EN 60898	k/	A	10
Rated short-circuit breaking capacity IEC 60947-2	k/	A	0
Frequency			50 Hz
Release characteristic			В
Concurrently switching N-neutral			No
Over voltage category			3
Pollution degree			2
Width in number of modular spacings			2
Built-in depth	m	nm	70
Suitable for flush-mounted installation			No
Degree of protection (IP)			IP20
Surge current capacity	k	A	0.25
Voltage type			AC
Antinuisance tripping version			No