



Product designation			Residual current circuit breaker with overcurrent protection (RCBO)
Product type designation			P1 RB
Number of poles			1P+N
Number of DIN modules			2
Compliance			IEC
Electrical features			
Rated insulation voltage Ui IEC/EN		V	400
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230
Rated frequency		Hz	50/60
Rated current (In)		А	20
Tripping curve			С
Residual operation characteristic			Α
Rated residual current		mA	30
Short circuit rating (IEC)		kA	10
Power dissipation per pole max		W	3
Ambient conditions			
Operating temperature			
	min	°C	-35
	max	°C	70
Storage temperature			
5	min	°C	-40
	max	°C	80
Max altitude		m	2000
Mechanical features			
Operating position			
	normal		Vertical plan
Fixing			35mm DIN rail
Tightening torque for terminals			
	min	Nm	1.8
	max	Nm	2
	min	Ibin	_ 16
	max	Ibin	17.7
Terminals tool			Pz 2
Conductor section			
IEC			
	min	mm²	1
	max	mm²	25
AWG/Kcmil	Παλ		
	min		16
	max		3
Weight	Παλ	C	205
พอเหม		g	200

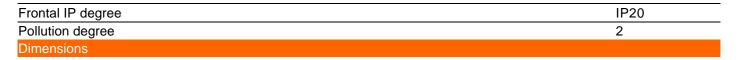
P1RB1NC20A030 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

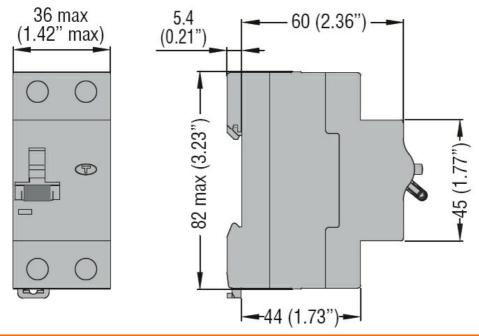
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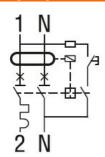
ENERGY AND AUTOMATION

MODULES, 1P+N - TYPE A, 20A





## Wiring diagrams



Certifications and compliance			
Compliance			
	IEC/EN 61009-1		
Certifications			
	EAC		
	TÜV-Rheinland		
ETIM classification			
ETIM 8.0		EC000905 - Earth leakage	

Earth leakage circuit breaker