



Residual current  
circuit breaker  
with overcurrent  
protection  
(RCBO)  
P1 RB  
1P+N  
2  
IEC

Product designation

Product type designation

Number of poles

Number of DIN modules

Compliance

**Electrical features**

Rated insulation voltage $U_i$ IEC/EN	V	400
Rated impulse withstand voltage $U_{imp}$	kV	4
Rated operational voltage AC (IEC)	VAC	230
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	40
Tripping curve		C
Residual operation characteristic		AC
Rated residual current	mA	300
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	4

**Ambient conditions**

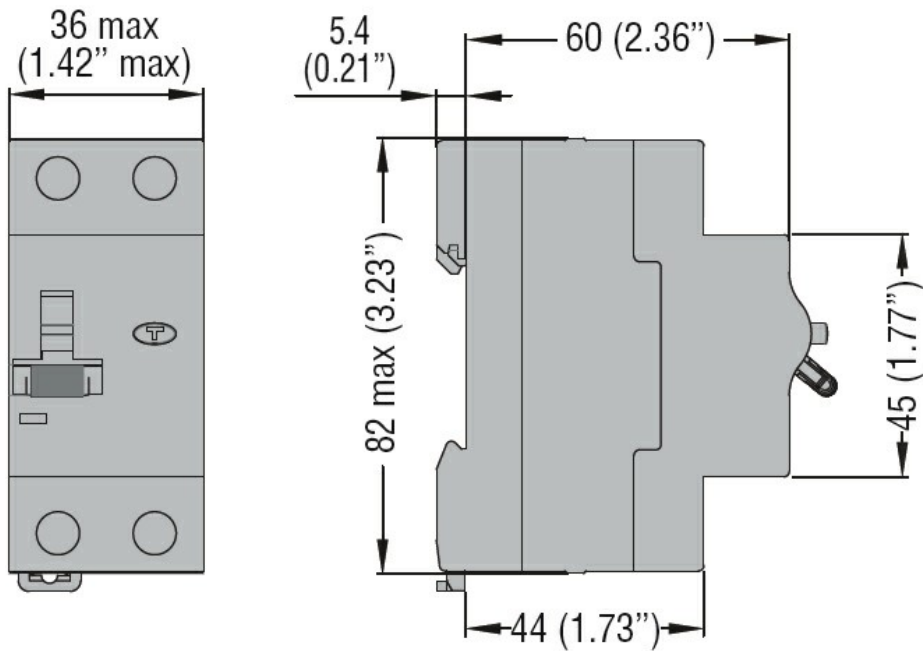
Operating temperature	min	°C	-35
	max	°C	70
Storage temperature	min	°C	-40
	max	°C	80
Max altitude	m	2000	

**Mechanical features**

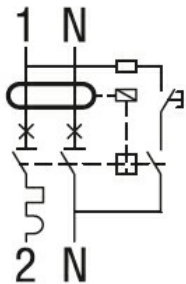
Operating position	normal	Vertical plan		
		35mm DIN rail		
Fixing				
Tightening torque for terminals	min	Nm	1.8	
	max	Nm	2	
	min	lbin	16	
	max	lbin	17.7	
Terminals tool		Pz 2		
Conductor section	IEC	min	mm <sup>2</sup>	1
		max	mm <sup>2</sup>	25
	AWG/Kcmil	min		16
		max		3
Weight		g	205	

Frontal IP degree	IP20
Pollution degree	2

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Compliance	IEC/EN 61009-1
Certifications	EAC TÜV-Rheinland

**ETIM classification**

ETIM 8.0	EC000905 - Earth leakage circuit breaker
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