



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	6
Tripping curve		C
Residual operation characteristic		AC
Rated residual current	mA	30
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	1.02

Ambient conditions

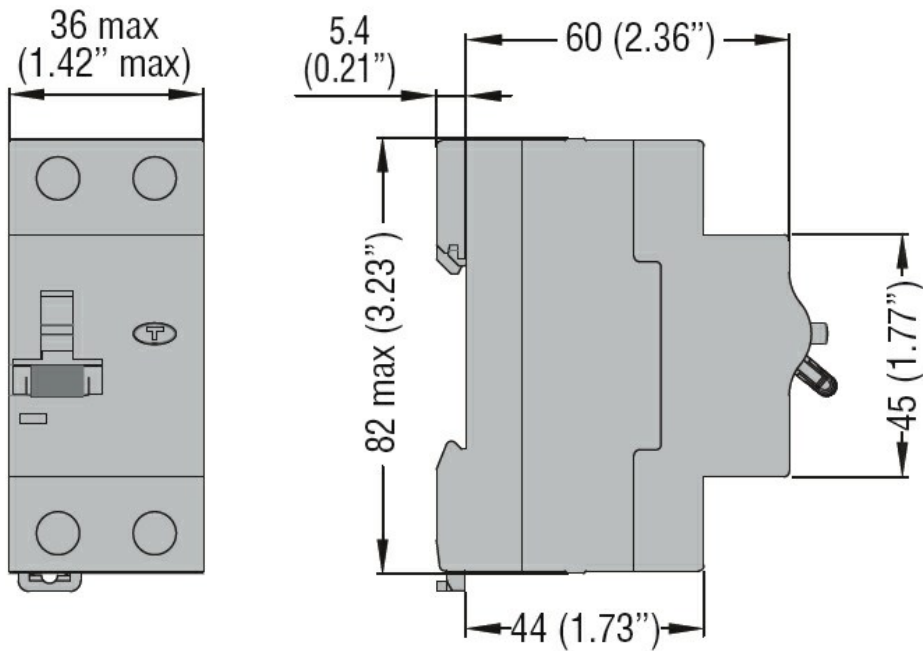
Operating temperature	min	°C	-35
	max	°C	70
Storage temperature	min	°C	-40
	max	°C	80
Max altitude	m	2000	

Mechanical features

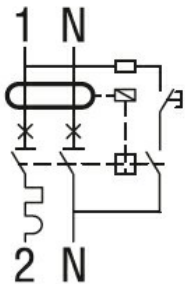
Operating position	normal	Vertical plan			
		35mm DIN rail			
Fixing					
Tightening torque for terminals	min	Nm	1.8		
	max	Nm	2		
	min	lbin	16		
	max	lbin	17.7		
Terminals tool		Pz 2			
Conductor section	IEC	min	mm ²	1	
		max	mm ²	25	
	AWG/Kcmil	min		16	
		max		3	
		Weight		g	205

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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