



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 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)	A	16
Tripping curve		C
Residual operation characteristic		A
Rated residual current	mA	30
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	2.4

#### Ambient conditions

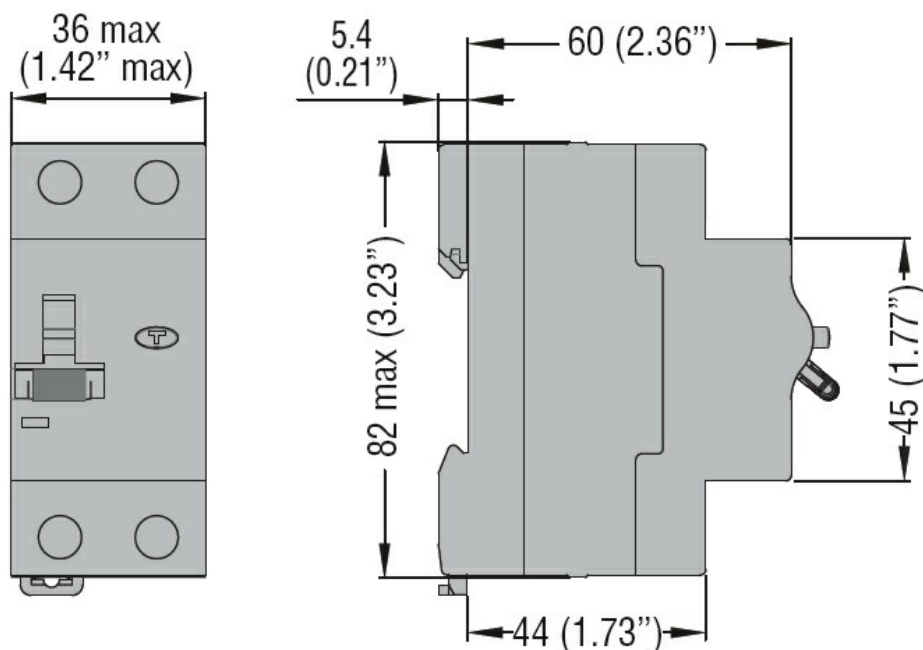
Operating temperature	min	°C	-35
	max	°C	70
Storage temperature	min	°C	-40
	max	°C	80
Max altitude		m	2000

#### Mechanical features

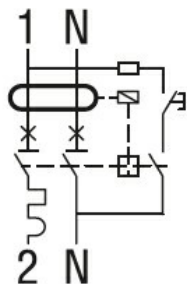
Operating position		normal		Vertical plan
Fixing		35mm DIN rail		
Tightening torque for terminals		min	Nm	1.8
		max	Nm	2
		min	lbin	16
		max	lbin	17.7
Terminals tool		Pz 2		
Conductor section		IEC		
		min	mm <sup>2</sup>	1
		max	mm <sup>2</sup>	25
		AWG/Kcmil		
		min		16
		max		3
Weight			g	205

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