



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	25
Tripping curve		C
Residual operation characteristic		AC
Rated residual current	mA	30
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	3.5

Ambient conditions

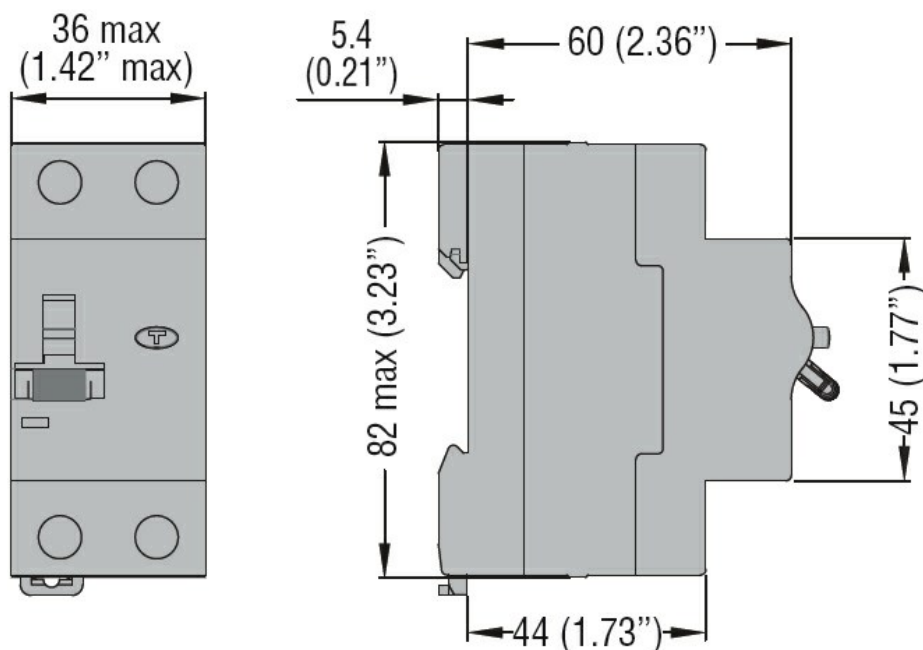
Operating temperature	min	°C	-35
	max	°C	70
Storage temperature	min	°C	-40
	max	°C	80
Max altitude	m		2000

Mechanical features

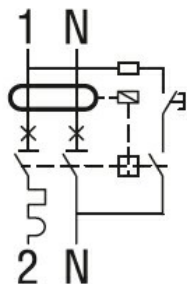
Operating position		normal		Vertical plan
Fixing		35mm DIN rail		
Tightening torque for terminals		min	Nm	1.8
		max	Nm	2
		min	lbin	16
		max	lbin	17.7
Terminals tool		Pz 2		
Conductor section				
IEC		min	mm ²	1
		max	mm ²	25
AWG/Kcmil		min		16
		max		3
Weight			g	205

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