



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	20
Tripping curve		C
Residual operation characteristic		A
Rated residual current	mA	30
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	3

Ambient conditions

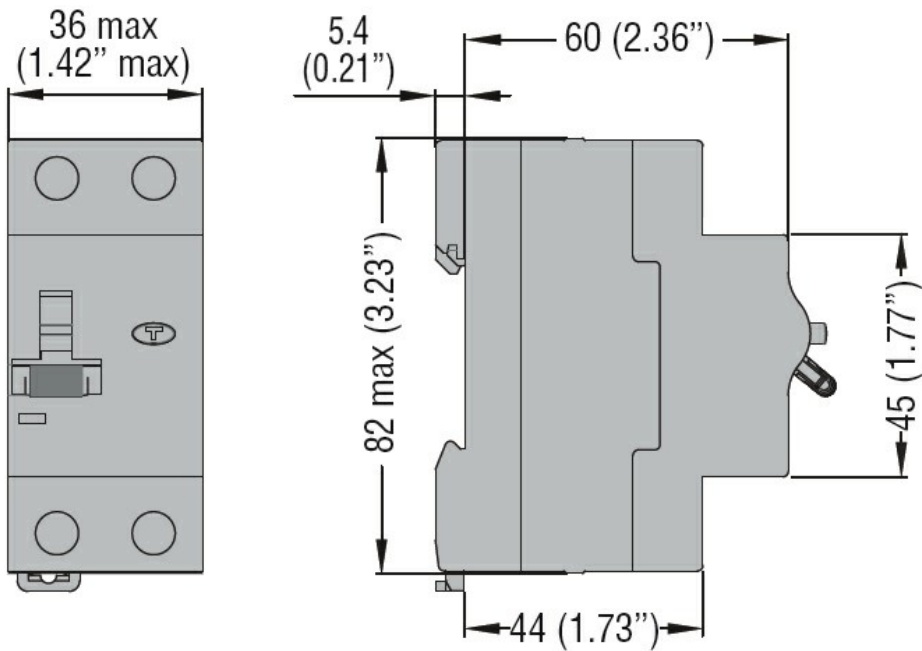
Operating temperature	min	°C	-35
	max	°C	70
Storage temperature	min	°C	-40
	max	°C	80
Max altitude	m		2000

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
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