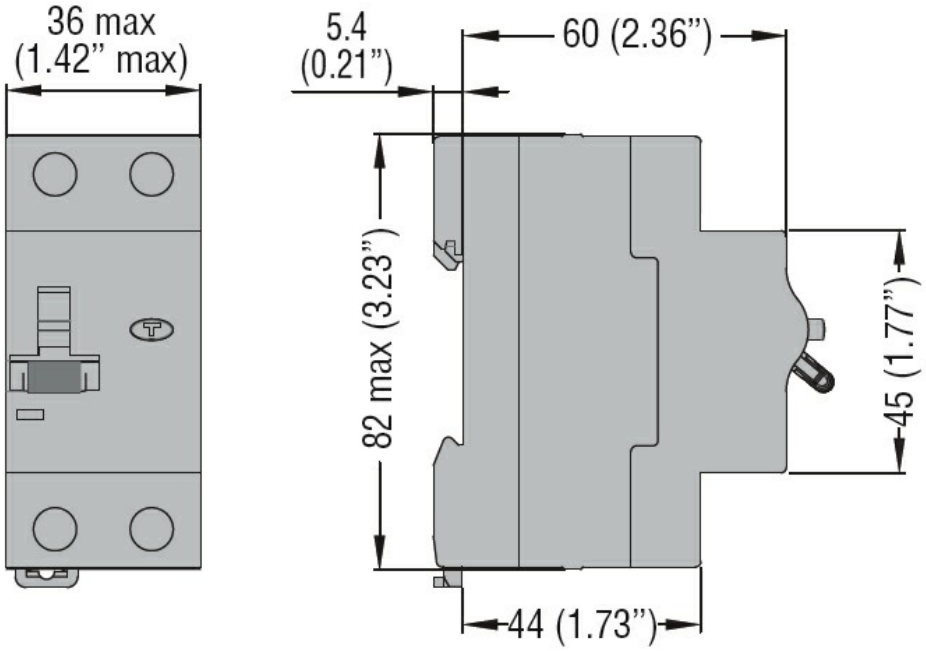
P1RB1NC32A030

RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION, 10KA. 2 MODULES, 1P+N - TYPE A, 32A

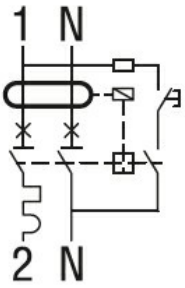
Product designation			Residual current circuit breaker with overcurrent protection (RCBO)
Product type designation			P1 RB
Number of poles			1P+N
Number of DIN modules			2
Compliance			IEC
Electrical features			
Rated insulation voltage Ui IEC/EN		V	400
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230
Rated frequency		Hz	50/60
Rated current (In)		A	32
Tripping curve			C
Residual operation characteristic			A
Rated residual current		mA	30
Short circuit rating (IEC)		kA	10
Power dissipation per pole max		W	3.84
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	mm²	1
	max	mm²	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