



Residual current
circuit breakers
(RCCB) with
overcurrent
protection
P1RE
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	40
Tripping curve		C
Residual operation characteristic		A
Rated residual current	mA	30
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000

Ambient conditions

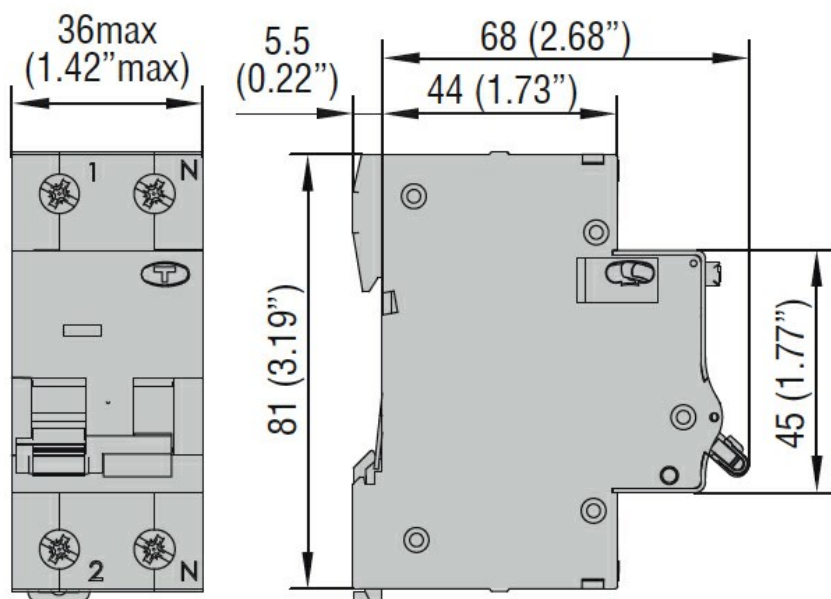
Operating temperature	min	°C	-25
	max	°C	+60
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

Mechanical features

Operating position		normal		Vertical plan
Fixing		35mm DIN rail		
Tightening torque for terminals		max	Nm	2
		max	lbin	15
Terminals tool		Pz 2		
Conductor section				
IEC		min	mm ²	1
		max	mm ²	16
AWG/Kcmil		min		16
		max		3
Mechanical life		cycles		20000
Weight		g		205

Frontal IP degree	IP20
Pollution degree	2

Dimensions



Certifications and compliance

Compliance

IEC/EN/BS 61009-1

Certifications

EAC

TÜV-SUD

ETIM classification

ETIM 8.0

EC000905 -
Earth leakage
circuit breaker