



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	32
Tripping curve		C
Residual operation characteristic		A
Rated residual current	mA	300
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000

#### Ambient conditions

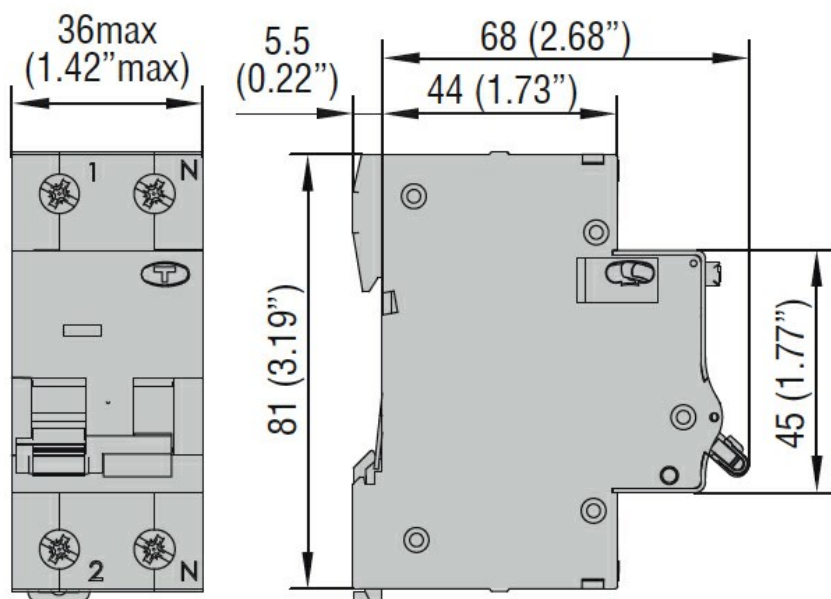
Operating temperature	min	°C	-25
	max	°C	+60
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

#### Mechanical features

Operating position		normal		Vertical plan
Fixing		35mm DIN rail		
Tightening torque for terminals		max	Nm	2
		max	Ibin	15
Terminals tool		Pz 2		
Conductor section				
IEC		min	mm²	1
		max	mm²	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