



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 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	20
Tripping curve		C
Residual operation characteristic		AC
Rated residual current	mA	30
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000

### Ambient conditions

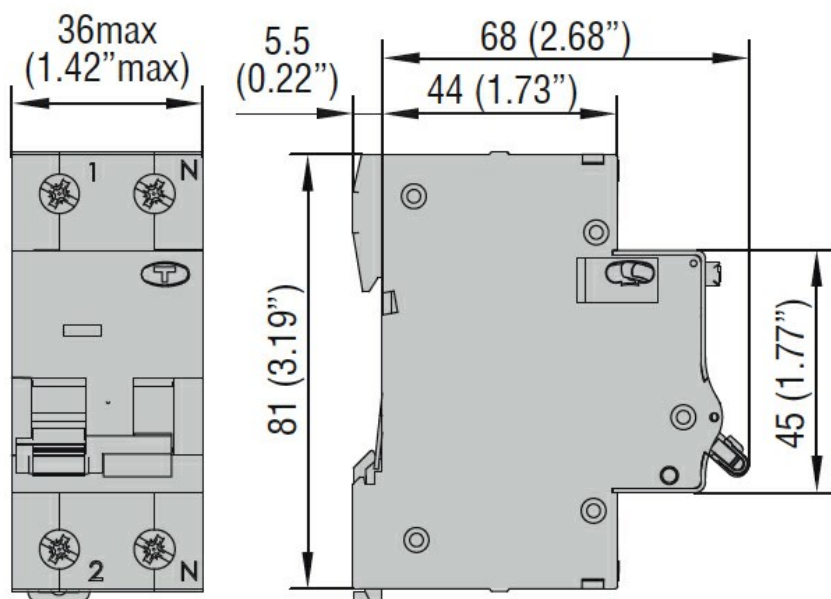
Operating temperature	min	°C	-25
	max	°C	+60
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

### Mechanical features

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