



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	300
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000

### Ambient conditions

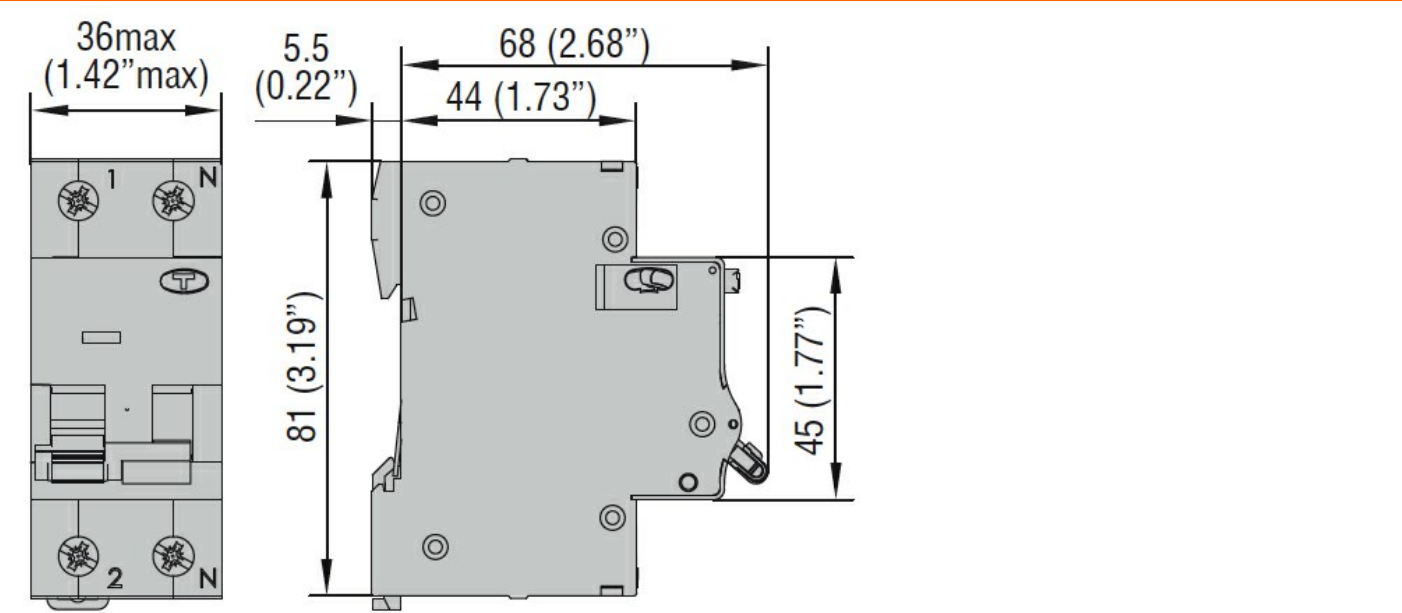
Operating temperature	min	°C	-25
	max	°C	+60
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

### Mechanical features

Operating position	normal		Vertical plan
			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
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