



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	20
Tripping curve		C
Residual operation characteristic		A
Rated residual current	mA	300
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000

Ambient conditions

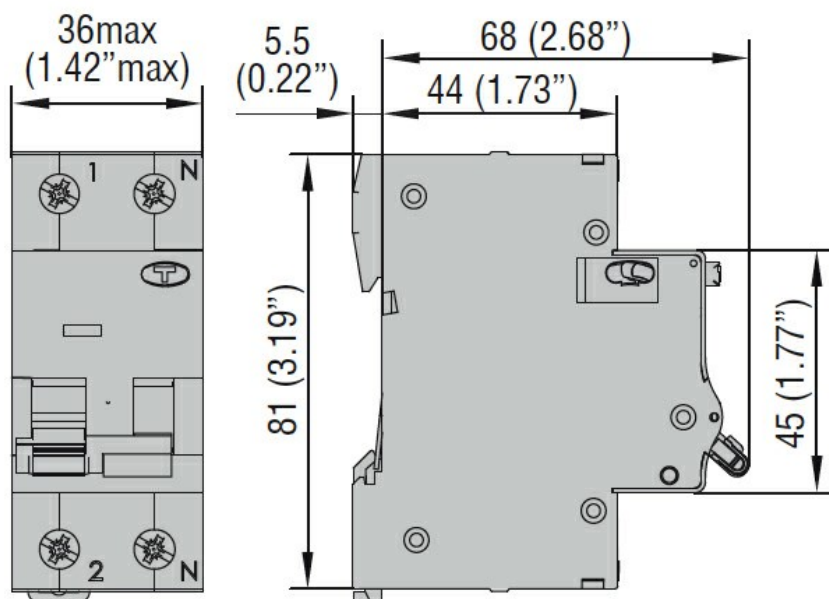
Operating temperature	min	°C	-25
	max	°C	+60
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

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 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