



Product designation

Residual current  
circuit breakers  
(RCCB)

Product type designation

P1RD

Number of poles

4P

Number of DIN modules

4

Compliance

IEC

### 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	230/400
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	40
Residual operation characteristic		AC
Rated residual current	mA	30
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000

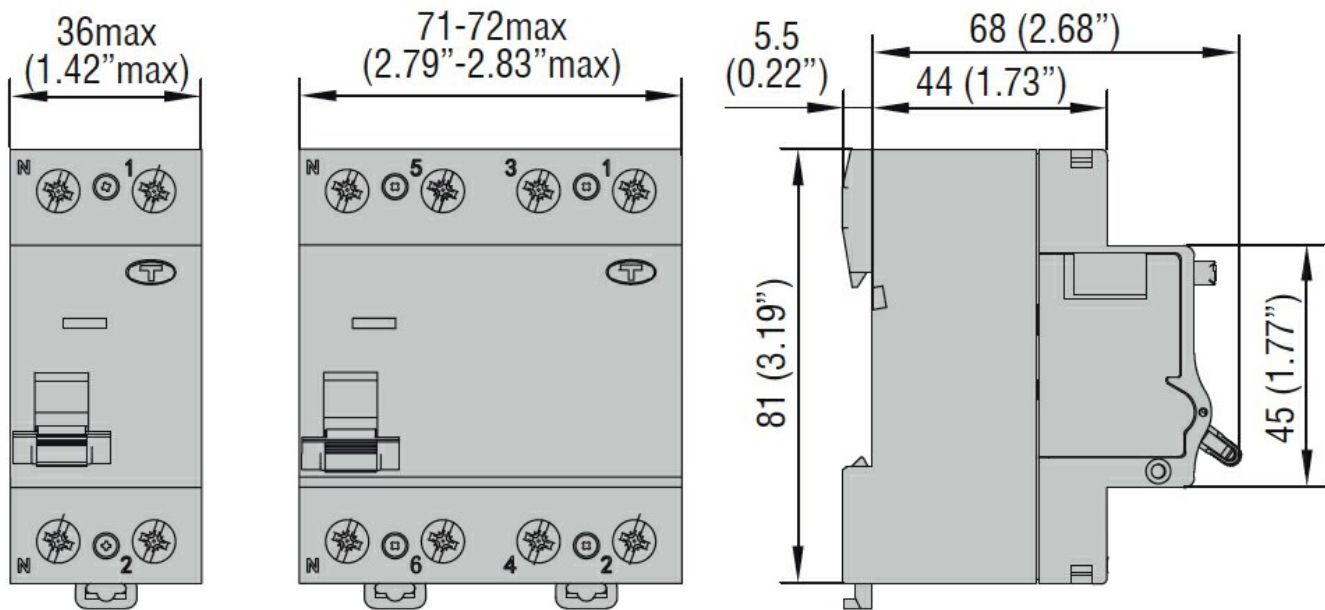
### Ambient conditions

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

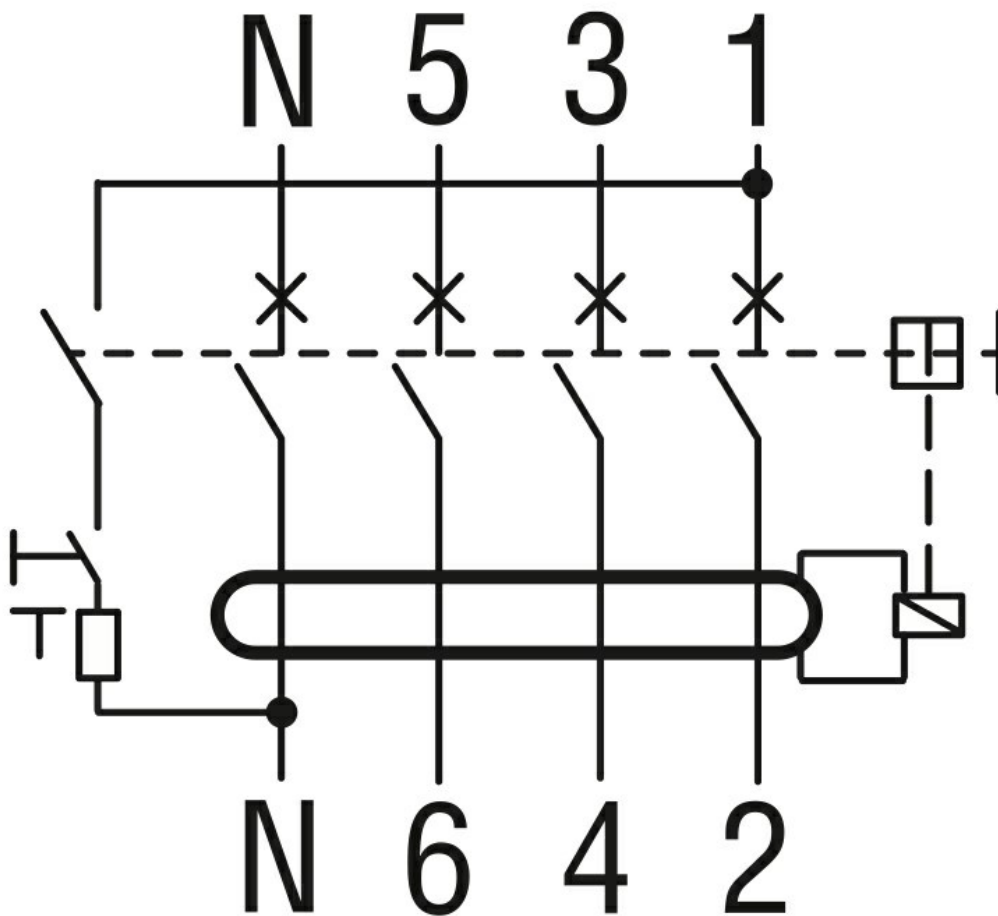
### Mechanical features

Operating position		normal		Vertical plan
Fixing		35mm DIN rail		
Tightening torque for terminals		max	Nm	2
		max	lbin	15
Terminals tool		Pz 2		
Conductor section				
IEC		min	mm²	2.5
		max	mm²	35
AWG/Kcmil		min		14
		max		2
Mechanical life		cycles	20000	
Weight		g	326	
Frontal IP degree		IP20		
Pollution degree		2		

### Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN/BS 61008-1

---

Certifications

EAC  
TÜV-SUD

---

ETIM classification

ETIM 8.0

EC000003 -  
Residual current  
circuit breaker  
(RCCB)