



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	25
Residual operation characteristic		AC
Rated residual current	mA	300
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000

### Ambient conditions

Operating temperature

min	°C	-35
max	°C	+70

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	mm <sup>2</sup>	2.5
max	mm <sup>2</sup>	35

AWG/Kcmil

min		14
max		2

Mechanical life

cycles 20000

Weight

g 326

Frontal IP degree

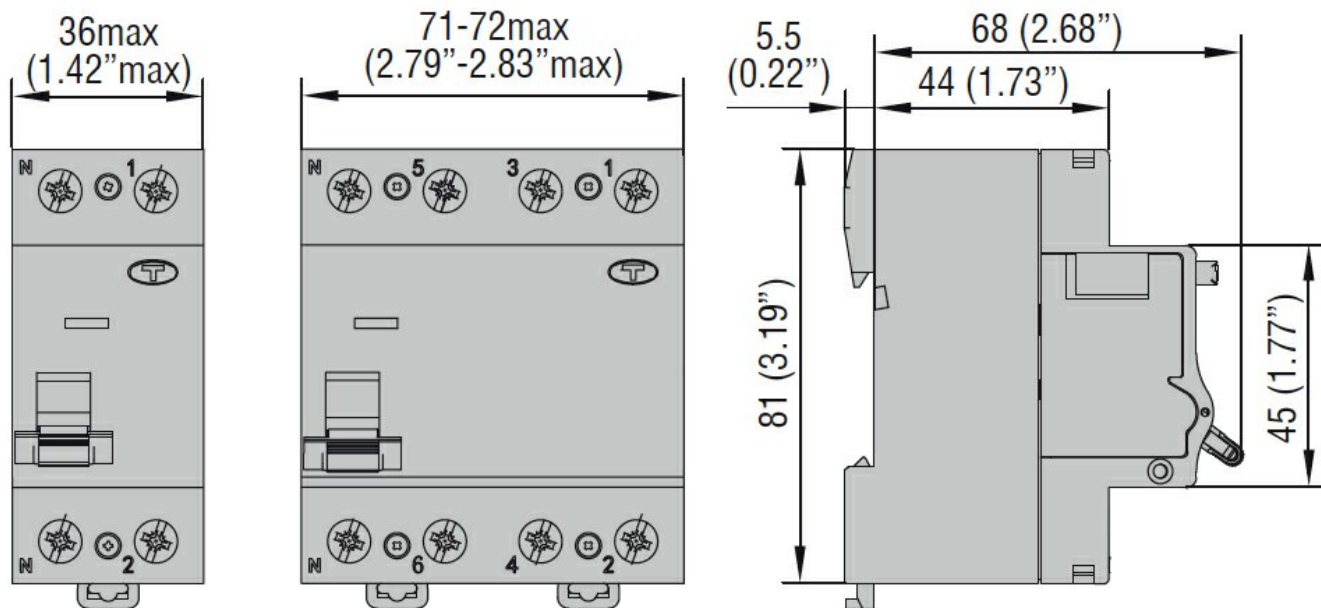
IP20

Pollution degree

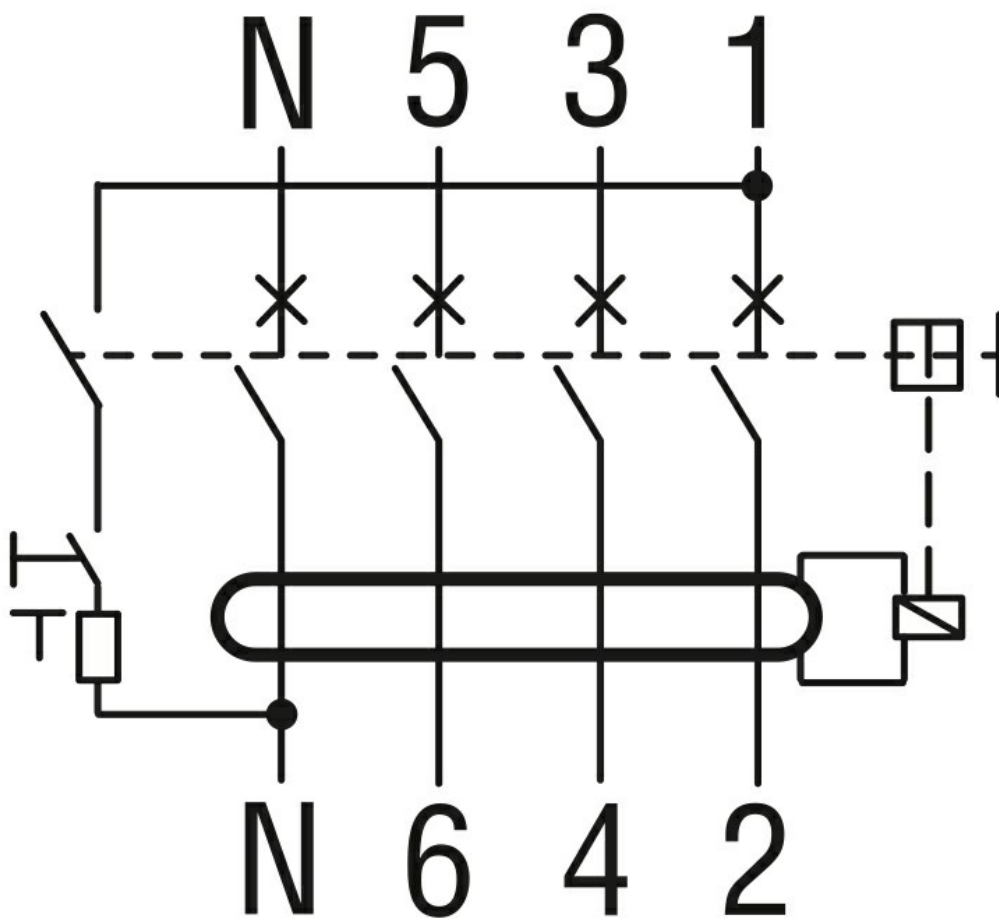
2

### 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)