



Product designation

Residual current  
circuit breakers  
(RCCB)

Product type designation

P1RD

Number of poles

2P

Number of DIN modules

2

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
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	40
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

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 185

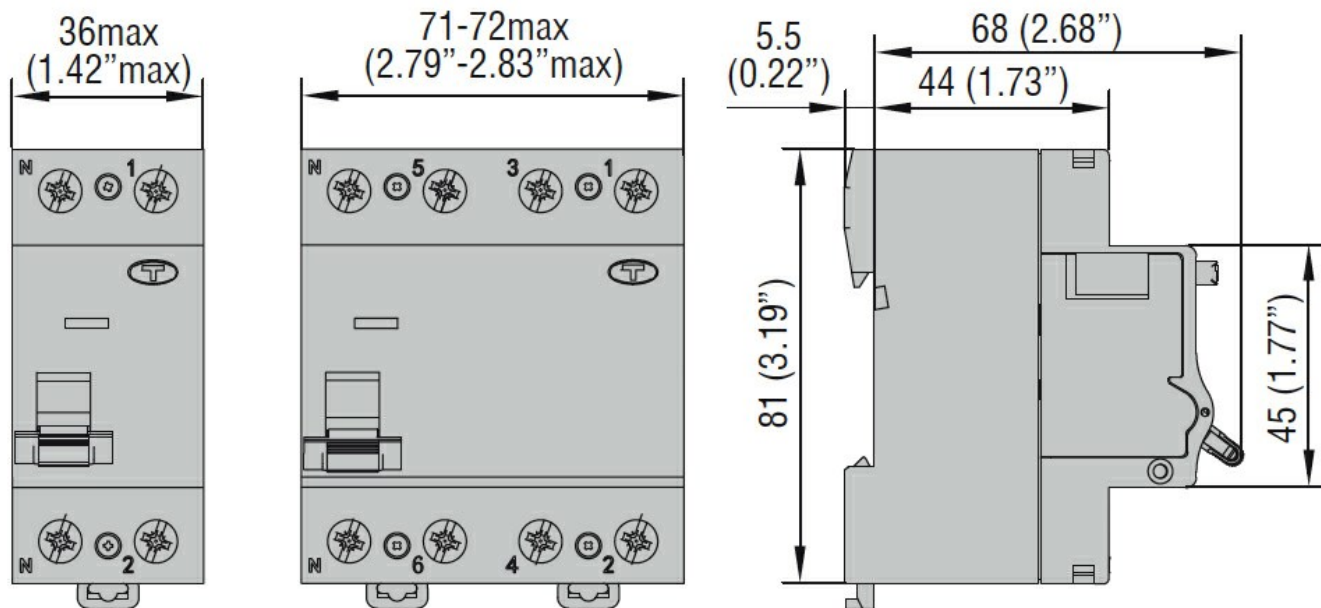
Frontal IP degree

IP20

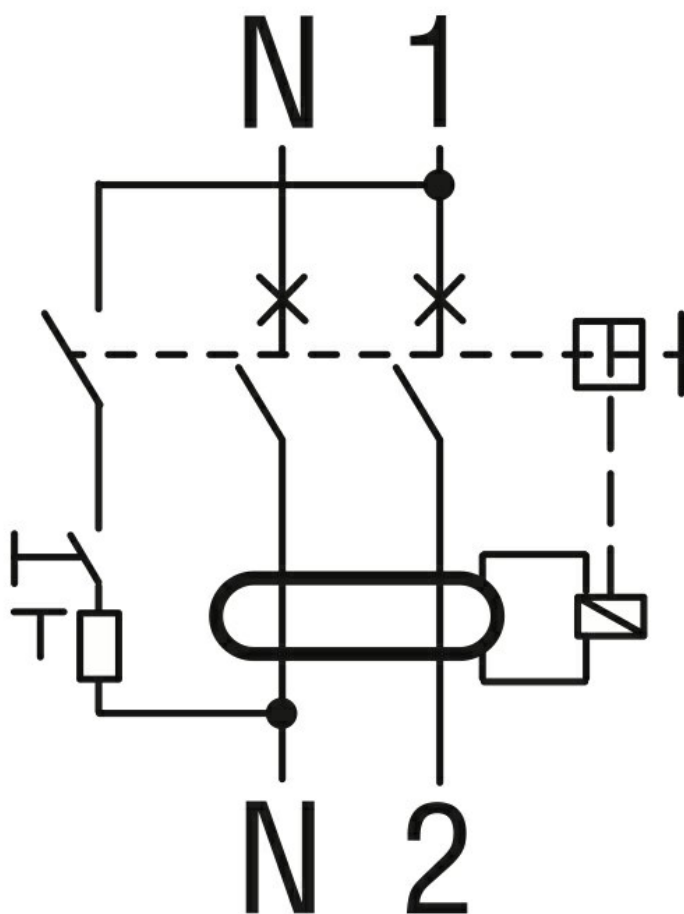
Pollution degree

2

### Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN/BS 61008-1

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Certifications

EAC  
TÜV-SUD

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ETIM classification

ETIM 8.0

EC000003 -  
Residual current  
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