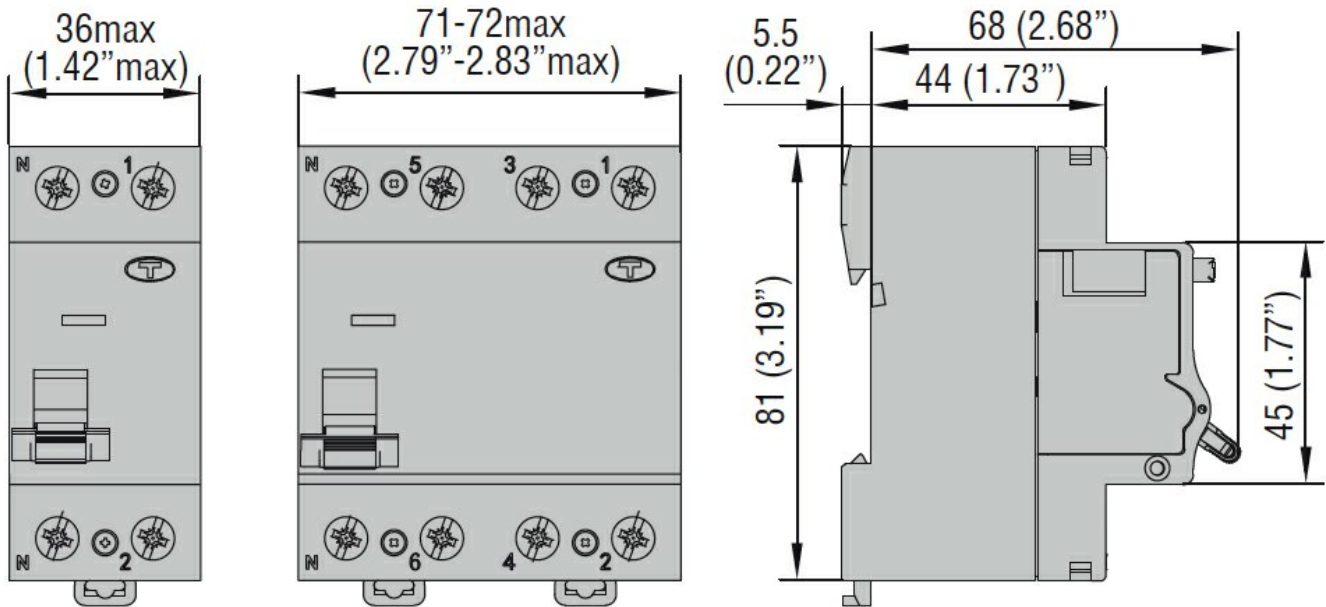
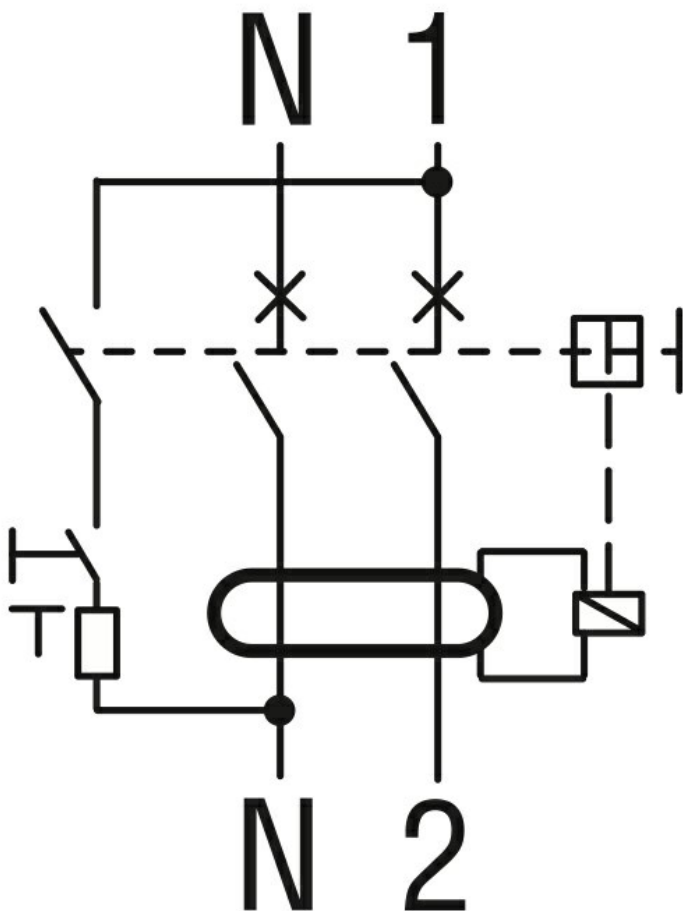




Product designation	Residual current circuit breakers (RCCB)		
Product type designation	P1RD		
Number of poles	2P		
Number of DIN modules	2		
Compliance	IEC		
<b>Electrical features</b>			
Rated insulation voltage $U_i$ IEC/EN	V	400	
Rated impulse withstand voltage $U_{imp}$	kV	4	
Rated operational voltage AC (IEC)	VAC	230	
Rated frequency	Hz	50/60	
Rated current ( $I_n$ )	A	40	
Residual operation characteristic		AC	
Rated residual current	mA	30	
Short circuit rating (IEC)	kA	10	
Electrical life	cycles	10000	
<b>Ambient conditions</b>			
Operating temperature	min	°C	-35
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000
<b>Mechanical features</b>			
Operating position	normal		Vertical plan
			35mm DIN rail
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		
<b>Dimensions</b>			



**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  
circuit breaker  
(RCCB)