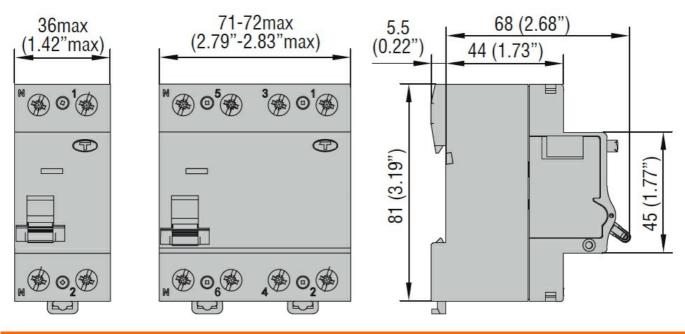


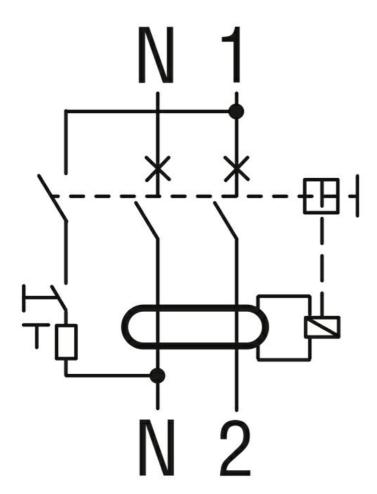


RCCB	Product designation			Residual current circuit breakers
Product type designation P1RD Number of poles 2 Number of DIN modules 2 Compliance IEC Electrical features V 400 Rated insulation voltage Uil IEC/EN V 400 Rated insulation voltage Withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated operation characteristic A 63 Residual operation characteristic mA 63 Residual operation characteristic mA 10 Residual operation characteristic ma c -35 Residual operation characteristic ma c -40 Residual operation characteristic ma c -40 Auxin the cha				
Number of poles	Product type designation			,
Compliance IEC				2P
Electrical features V 400 Rated insulation voltage Uirp kV 4 Rated operational voltage Ump kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 63 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 -35 Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing normal Vertical plan Tightening torque for terminals max Nm 2 Terminals tool max Nm 2 Conductor section IEC min mi	Number of DIN modules			2
Rated insulation voltage Ui IEC/EN V 400 Rated impulse withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 63 Residual operation characteristic mA 30 Residual current mA 30 Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Ambient conditions min °C -35 Operating temperature min °C -40 Max °C +70 -40 Storage temperature min °C -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing max Nm 2 Temperature max Nm 2 Packanical features max Nm 2 Conductor <td>Compliance</td> <td></td> <td></td> <td>IEC</td>	Compliance			IEC
Rated impulse withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated current (In) A 63 Residual operation characteristic AC AC Rated residual current mA 30 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 max °C +80 Mechanical features mormal Vertical plan Operating position mormal Vertical plan Fixing max Nm 2 Terminals tool max Nm 2 Terminals tool max Nm 2 Terminals tool min mm 2 2.5 Macy In min mm 2 2.5 max max mm 2 35 AWG/Kcmil min mm m 2 2.5	Electrical features			
Rated operational voltage AC (IEC) VAC 230 Rated drequency Hz 50/60 Rated current (In) A 63 Residual operation characteristic AC Rated current mA 30 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 +40 max °C +80 Mechanical features Operating position min °C -40 max °C +80 Mechanical features Operating position mormal Vertical plan Simm DIN rail Tightening torque for terminals max	Rated insulation voltage Ui IEC/EN		V	400
Rated frequency Hz 50/60 Rated current (In) A 63 Residual operation characteristic MA 30 Rated residual current mA 30 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 +40 max *Nm 2 max *Nm 2 max *Mm 2 conductor section **** The conductor section **** The	Rated impulse withstand voltage Uimp		kV	4
Rated current (in) A 63 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 -35 max °C +70 Storage temperature Max altitude min °C -40 Max altitude m 2000 Mechanical features vertical plan Operating position normal Vertical plan Fixing 35mm DIN rail Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool max Nm 2 Conductor section IEC min mm 2 AWG/Kcmil min mm 4 AWG/Kcmil min mm mm mm mm mm <	Rated operational voltage AC (IEC)		VAC	230
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 -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 libit 15 Terminals tool pz 2 Conductor section IEC min mm² 2.5 max mm² 35 AWG/Kcmil min mm² 2.5 max mm² 35 AWG/Kcmil Mechanical life cycles 20000 Weight g 185 Frontal IP degree 1P20 Pollution degree 2	Rated frequency		Hz	50/60
Rated residual current mA 30 Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Ambient conditions Operating temperature Storage temperature min °C -35 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool p 2 2 Conductor section IEC min mm 2.5 AWG/Kcmil min mm² 35 AWG/Kcmil min m 14 max 2 200000 Weight g 185 Frontal IP degree 2	Rated current (In)		Α	63
Short circuit rating (IEC) kA cycles 100 Ambient conditions	Residual operation characteristic			AC
Electrical life	Rated residual current		mA	30
Ambient conditions Operating temperature min max °C max -35 max Storage temperature min max °C max -40 max Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals max lbin 15 Terminals tool max lbin 15 Terminals tool pz 2 2 Conductor section min mm² 2,5 max mm² 35 AWG/Kcmil min 14 max max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	Short circuit rating (IEC)		kA	10
Operating temperature min mm mm max more color solor sol	Electrical life		cycles	10000
Minin max of colspan="2">C -35 max of colspan="2">-35 modified treatments Max of colspan="2">-35 modified treatments Tightening torque for terminals Tightening torque for terminals	Ambient conditions			
Storage temperature Storage temperature min °C -40 max °C +80 Max altitude m 2000 Mechanical features Operating position Fixing normal Vertical plan Fixing max Nm 2 Tightening torque for terminals Terminals tool max Nm 2 Terminals tool pz 2 Conductor section IEC min mm² 2 AWG/Kcmil min mm² 2 2 Mechanical life cycle 20000 2 Weight g 185 Frontal IP degree IP20 Pollution degree IP20	Operating temperature			
Storage temperature min max °C with an in max -40 with an in max °C with an in max +80 with an in max Max altitude Max altitude m with an in max 2000 Mechanical features More and the min with an in more and with a simple of terminals Vertical plan Some DIN rail Fixing 35mm DIN rail Terminals Max with an in max Nm with a simple of terminals Pz 2 2 Conductor section Fixing min max simple with an in min with an in with		min	°C	-35
Max altitude min max °C +80 Max altitude m 2000 Mechanical features Operating position Fixing Tormal Tightening torque for terminals max Nm 2 mmx lbin 15 Terminals tool Pz 2 Conductor section IEC min mm² 2.5 max mm² 35 AWG/Kcmil min mm² 2.5 max mm² 35 AWG/Kcmil Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree IP20		max	°C	+70
Max altitude max °C +80 Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool max Nm 2 Conductor section IEC min mm² 2.5 AWG/Kcmil min mm² 3.5 AWG/Kcmil min 14 max 2 Mechanical life cycles 200000 Weight g 185 Frontal IP degree IP20 Pollution degree IP20	Storage temperature			
Max altitude m 2000 Mechanical features Operating position 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 2.5 max mm² 2.5 max mm² 35 AWG/Kcmil min 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2		min	°C	-40
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 max mm² 35 35 AWG/Kcmil min mm² 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2		max	°C	+80
Operating position 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 20000 Weight g 185 Frontal IP degree IP20 Pollution degree IP20	Max altitude		m	2000
Fixing Vertical plan Tightening torque for terminals max Nm 2 max lbin 15 Terminals tool Pz 2 Conductor section IEC min mm² mm² 2.5 max mm² 35 AWG/Kcmil min min max 2 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree IP20	Mechanical features			
Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 max Ibin 15 Terminals tool Pz 2 Conductor section IEC min mm² mm² mm² 35 2.5 max mm² 35 AWG/Kcmil min mm² 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	Operating position			
Tightening torque for terminals max max lbin 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 185 Frontal IP degree IP20 Pollution degree 2		normal		Vertical plan
max Nm 2 max Ibin 15 Terminals tool Pz 2 Conductor section IEC min mm² 2.5 max mm² 35 AWG/Kcmil min max 2 14 max 2 Mechanical life cycles 20000 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	Fixing			35mm DIN rail
max Ibin 15 Pz 2 Conductor section IEC min mm² 2.5 max mm² 35 AWG/Kcmil min 14 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	Tightening torque for terminals			
Terminals tool		max	Nm	2
Conductor section IEC		max	lbin	15
IEC	Terminals tool			Pz 2
Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	Conductor section			
AWG/Kcmil max mm² 35 min max 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	IEC			
AWG/Kcmil min max 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2		min		
min max 14 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2		max	mm²	35
Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	AWG/Kcmil			
Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2		min		
Weight g 185 Frontal IP degree IP20 Pollution degree 2		max		2
Frontal IP degree IP20 Pollution degree 2	Mechanical life		cycles	
Pollution degree 2	Weight		g	185
, and the second	Frontal IP degree			IP20
Dimensions	Pollution degree			2
	Dimensions			





Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 61008-1





electric	FI-SCHUTZSCHALTER, 2 MODULE, ZWEIPOLIG - TYP AC, 63A, 30MA
ENERGY AND AUTOMATION	

Certifications

EAC

TÜV-SUD

ETIM classification

ETIM 8.0

EC000003 -Residual current circuit breaker (RCCB)