

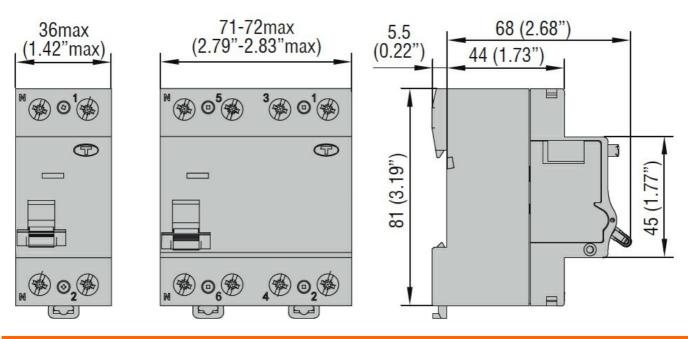
RESIDUAL CURRENT OPERATED CIRCUIT BREAKER, 2 MODULES, 2P - TYPE AC, 25A, 30MA



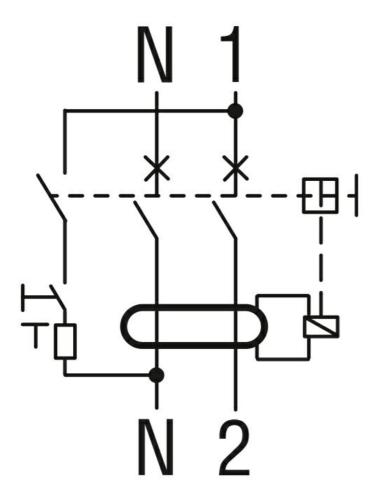
Product type designation P1RD Number of poles 2P Number of DIN modules 2 Compliance IEC Electrical features IEC Rated insulation voltage Ui IEC/EN V 400 Rated insulation voltage Withstand voltage Uimp RV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 25 Residual operation characteristic — AC Rated cresidual current — MA 30 Short circuit rating (IEC) KA 10 Rated conditional short-circuit current (Inc) KA 10 Petactical life — cycles 10000 Ambient conditions — received and recei	Product designation			Residual current circuit breakers (RCCB)	
Number of DIN modules 2 Compliance IEC Electrical features V 400 Rated insulation voltage Ui IEC/EN V 400 Rated impulse withstand voltage Uirip kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 25 Residual operation characteristic mA 30 Residual current mA 30 Short circuit rating (IEC) kA 10 Rated conditional short-circuit current (Inc) kA 10 Electrical life cycles 10000 Ambient conditions Will be a cycle of the conditions Temperature min °C -35 Max altitude m 2000 Mechanical features Operating position normal v vertical plan Fixing normal by v v v v	Product type designation			P1RD	
Compliance IEC IEC	Number of poles			2P	
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Rated operational voltage AC (IEC)	Rated insulation voltage Ui IEC/EN				
Rated frequency Hz 50/60 Rated current (In) A 25 Residual operation characteristic MC Rated residual current mA 30 Short circuit rating (IEC) kA 10 Rated conditional short-circuit current (Inc) kA 10 Electrical life cycles 10000 Ambient conditions min °C -35 Gerating temperature min °C -35 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool max lbin 15 Terminals tool min mm 2.5 AWG/Kcmil min mm 2.5 AWG/Kcmil min mm 14 Mechanical life cycles 20000 Weight g 18	Rated impulse withstand voltage Uimp		kV	4	
Rated current (In) A 25 Residual operation characteristic AC Rated residual current mA 30 Short circuit rating (IEC) kA 10 Rated conditional short-circuit current (Inc) kA 10 Electrical life cycles 10000 Ambient conditions Total conditions Total conditions Operating temperature min °C -35 Storage temperature min °C -40 Max altitude m 2000 Mechanical features mormal Vertical plan String normal Vertical plan Fixing normal Vertical plan Tightening torque for terminals max Nm 2 max lbin 15 Terminals tool max normal vertical plan Terminals tool max normal vertical plan Terminals tool min normal vertical plan AWG/Kcmil min mm² <t< td=""><td>Rated operational voltage AC (IEC)</td><td></td><td>VAC</td><td>230</td></t<>	Rated operational voltage AC (IEC)		VAC	230	
Residual operation characteristic AC Rated residual current mA 30 Short circuit rating (IEC) kA 10 Rated conditional short-circuit current (Inc) kA 10 Electrical life cycles 10000 Ambient conditions Operating temperature min °C -35 max °C +70 Storage temperature Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail 55mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool pz 2 2 Conductor section min mm² 2.5 AWG/Kcmil min min min 14 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	Rated frequency		Hz	50/60	
Rated residual current mA 30 Short circuit rating (IEC) kA 10 Rated conditional short-circuit current (Inc) kA 10 Electrical life cycles 10000 Ambient conditions Operating temperature min °C -35 max °C +70 Storage temperature min °C -40 Max altitude m 000 Mechanical features Operating position mormal Vertical plan Fixing Tightening torque for terminals max Nm 2 Terminals tool Erromanum Pz 2 Conductor section IEC min min min min min min 14 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	Rated current (In)		Α	25	
Short circuit rating (IEC) kA 10 Rated conditional short-circuit current (Inc) kA 10 Electrical life cycles 10000 Ambient conditions Operating temperature min °C -35 max °C +70 Storage temperature 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 min mm² 2,5 max mm² 35 AWG/Kcmil min min 14 max min min 14 max 20000 20000	Residual operation characteristic			AC	
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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 Temperature Mechanical features Vertical plan Some DIN rail Temperature	Short circuit rating (IEC)		kA	10	
Ambient conditions Operating temperature min or C or 35	Rated conditional short-circuit current (Inc)		kA	10	
Operating temperature min of colspan="2">°C -35 max of colspan="2">°C +70 Storage temperature min of colspan="2">°C -40 max of colspan="2">°C +80 Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing max of m	Electrical life		cycles	10000	
Min	Ambient conditions				
max °C +70 Storage temperature min °C -40 min °C +80 Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing max Nm 2 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 mm² 2.5 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	Operating temperature				
Storage temperature min max °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 2.5 max mm² 2.5 amax mm² 2.5 amax mm² 2.5 amax mm² 2.5 amax m² 2.5 amax mm² 2.5 amax m² 2.5 amax m² 2.5 amax <th c<="" td=""><td></td><td>min</td><td>°C</td><td>-35</td></th>	<td></td> <td>min</td> <td>°C</td> <td>-35</td>		min	°C	-35
Max altitude min max °C max -40 max Mechanical features Vertical plan Tightening torque for terminals mormal Vertical plan Tightening torque for terminals max Nm 2 Terminals tool pz 2 Conductor section IEC min mm² 2.5 AWG/Kcmil min mm² 35 AWG/Kcmil min mm² 2 14 max 2 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20		max	°C	+70	
Max altitude min max °C max -40 max Mechanical features Vertical plan Tightening torque for terminals mormal Vertical plan Tightening torque for terminals max Nm 2 Terminals tool pz 2 Conductor section IEC min mm² 2.5 AWG/Kcmil min mm² 35 AWG/Kcmil min mm² 2 14 max 2 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	Storage temperature				
Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool 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		min	°C	-40	
Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool Pz 2 Conductor section min mm² 2.5 Meg/Kcmil min mm² 35 AWG/Kcmil min 14 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20		max	°C	+80	
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 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	Max altitude		m	2000	
Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 max Ibin 15 Pz 2 Conductor section IEC min mm² 2.5 max mm² 35 AWG/Kcmil min mm² mm² 35 35 AWG/Kcmil min max 2 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	Mechanical features				
Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 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	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 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20		normal		Vertical plan	
Max Nm 2 max Ibin 15	Fixing			35mm DIN rail	
max Ibin 15 Terminals tool Pz 2 Conductor section IEC min mm² ax mm² 35 AWG/Kcmil min max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	Tightening torque for terminals				
Terminals tool		max	Nm	2	
Conductor section IEC min mm² 2.5 max mm² 35		max	lbin	15	
Frontal IP degree IEC	Terminals tool			Pz 2	
Mechanical life min mm² mm² 35 2.5 max mm² 35 Mechanical life min max 2 14 max 2 Weight cycles 20000 Frontal IP degree IP20	Conductor section				
AWG/Kcmil max mm² 35 min max 14 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	IEC				
AWG/Kcmil min max 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20		min	mm²	2.5	
min max 14 max Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20		max	mm²	35	
Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20	AWG/Kcmil				
Mechanical lifecycles20000Weightg185Frontal IP degreeIP20		min		14	
Weight g 185 Frontal IP degree IP20		max		2	
Frontal IP degree IP20	Mechanical life		cycles	20000	
Frontal IP degree IP20	Weight		g	185	
	Frontal IP degree		-	IP20	
				2	

ENERGY AND AUTOMATION

Dimensions



Wiring diagrams



Certifications and compliance

Compliance



ENERGY AND AUTOMATION

P1RD2P25AC030

RESIDUAL CURRENT OPERATED CIRCUIT BREAKER, 2 MODULES, 2P - TYPE AC, 25A, 30MA

IEC/EN/BS 61008-1

Certifications

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000003 -Residual current circuit breaker (RCCB)