

electric RESIDUAL CURRENT OPERATED CIRCUIT BREAKER, 2 MODULES, 2P - TYPE A, 40A, 300MA

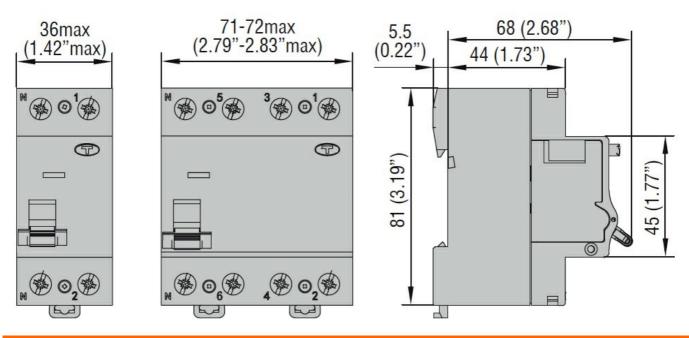
ENERGY AND AUTOMATION



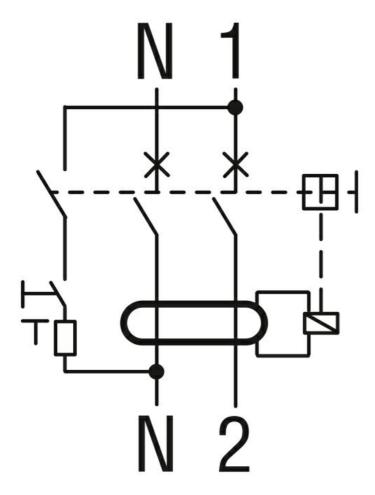
Product designation Image: Control of the color of the				
Product type designation second control of the control				Residual current
RCCB Product type designation	Product designation			
Number of poles 2P Number of DIN modules 2 Compliance 1EC Electrical features IEC Electrical features V 400 Rated insulation voltage Uil EC/EN V 40 Rated insulation voltage Uimp kV 4 Rated doperational voltage C(IEC) VAC 230 Rated frequency Hz 50/60 Rated regidual current (In) A 40 Residual operation characteristic mA 300 Short circuit rating (IEC) kA 10 Short circuit rating (IEC) kA 10 Short circuit rating (IEC) kA 10 Storage temperature min °C -35 Max altitude m 2000 Mechanical features min °C +40 Operating position max Nm 2 Fixing normal vertical plan Tightening torque for terminals max lin 15 Terminals tool <td>•</td> <td></td> <td></td> <td>(RCCB)</td>	•			(RCCB)
Number of DIN modules	Product type designation			P1RD
Compliance Electrical fleatures	Number of poles			2P
Electrical features V 400 Rated insulation voltage Uimp (IEC/EN) kV 4 Rated operational voltage V(IEC) VAC 230 Rated operational voltage AC (IEC) VAC 230 Rated current (In) A 40 Rated current (In) A 40 Rated residual current mA 300 Short circuit rating (IEC) kA 10 Electrical Ife cycles 10000 Ambient conditions Operating temperature min °C -35 max °C +70 Storage temperature max °C -40 max<	Number of DIN modules			2
Rated insulation voltage Ui IEC/EN V 400 Rated impulse withstand voltage Limp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency IHz 50/60 Rated current (In) A 40 Residual operation characteristic IMA 40 Residual operation characteristic IMA 300 Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Ambient conditions Image: Cycles 10000 Operating temperature Image: Cycles 35 Ambient conditions Image: Cycles 40 Storage temperature Image: Cycles 40 Max altitude Image: Cycles 40 Max altitude Image: Cycles 40 Fixing Image: Cycles 35mm DIN rail Fixing Image: Cycles 40 Terminals tool Image: Cycles 40 Conductor section Image: Cycles 40 IEC Image: Cycles<	Compliance			IEC
Rated impulse withstand voltage Ulimp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Intz 50060 Rated current (In) A 40 Residual operation characteristic Interpretation of A 40 Rated residual operation characteristic Interpretation of A 300 Short circuit rating (IEC) Interpretation of A 10 Electrical life cycles 10000 Amail of Electrical life cycles 10000 Amail of Electrical life cycles 10000 Amail of Electrical life cycles 40 Max altitude max colspan="2">cycles 40 Mechanical features Operating position mormal colspan="2">cycles 35mm DIN rail Tightening torque for terminals max colspan="2">max colspa	Electrical features			
Rated operational voltage AC (IEC) VAC 230 Rated drequency Hz 50/60 Rated current (In) A 40 Residual operation characteristic A A Rated current mA 300 Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Ambient conditions Operating temperature min "CC - 35 max "CC + 40 max "CC + 40 max "CC + 480 Max altitude m 2000 Mechanical features Operating position normal Vertical plan vertical plan soft max in ma	Rated insulation voltage Ui IEC/EN		V	400
Rated frequency Hz 50/60 Rated current (In) 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 -35 min °C -40 max °C +80 Max altitude max °C +80 Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 Terminals tool max nm 2 Conductor section IEC min mm 25 AWG/Kcmil min mm 25 AWG/Kcmil	Rated impulse withstand voltage Uimp		kV	4
Rated current (in) A 40 Residual operation characteristic 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 Terminals tool max lbin 15 Terminals tool pz 2 Conductor section IEC min mm² 2.5 max 35 AWG/Kcmil min mm² 35 35 AWG/Kcmil min mm² 2.5 max 35 35 Mechanical life cycles 20000 Weight g 185 1P20 Pollution degree 1P20	Rated operational voltage AC (IEC)		VAC	230
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 -35 max °C +70 Storage temperature min °C -40 max °C <td>Rated frequency</td> <td></td> <td>Hz</td> <td>50/60</td>	Rated frequency		Hz	50/60
Rated residual current mA solo 300 Short circuit rating (IEC) kA 10 10 Electrical life cycles 10000 10000 Ambient conditions Operating temperature min °C -35 max °C +70 Storage temperature min °C -40 max °C +80 max °C +80 Max altitude m 2000 Mechanical features Operating position mormal Vertical plan 35mm DIN rail Fixing Tightening torque for terminals max Nm 2 max libin 15 Terminals tool p 2 2 Conductor section IEC min mm² am² 2.5 max mm² 35 AWG/Kcmil min mm² am² 2.5 max mm² 35 AWG/Kcmil min mm² 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree p 1920 Pollution degree Electonic min mm² 2.5 max mm² 2	Rated current (In)		Α	40
Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Ambient conditions				Α
Electrical life	Rated residual current		mΑ	300
Ambient conditions Operating temperature min max °C max -35 max Storage temperature min max °C max -40 max Max altitude m mormal 2000 Mechanical features mormal Vertical plan String 35mm DIN rail Tightening torque for terminals max Ibin max 15 Terminals tool pz 2 Conductor section min max 2.5 max 35 AWG/Kcmil min mm² mm² and mm² a	Short circuit rating (IEC)		kA	10
Operating temperature min min max max means may max	Electrical life		cycles	10000
Min m	Ambient conditions			
Storage temperature min °C 470 Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing max Nm 2 Tightening torque for terminals max lbin 15 Terminals tool pz 2 Conductor section min mm² 2.5 AWG/Kcmil min mm² 35 AWG/Kcmil min min 14 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2 IP20	Operating temperature			
Storage temperature min max °C 40 Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing monmal Nm 2 Tightening torque for terminals Terminals tool pz 2 Conductor section IEC min mm² 2.5 2.5 MG/Kcmil min mm² 35 AWG/Kcmil Mechanical life cycles 2.0000 Weight g 185 Frontal IP degree IP20 Pollution degree IP20		min	°C	-35
Max altitude min max °C +80 Max altitude m 2000 Mechanical features Operating position Fixing Tormal Vertical plan 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 35 AWG/Kcmil min 14 max 2 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2		max	°C	+70
max °C +80 Max altitude m 2000 Mechanical features Operating position Fixing Normal Vertical plan Fixing Township in part of the property of the	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 AUG/Kcmil min m² 2.5 max mm² 2.5 <th< td=""><td></td><td>min</td><td>°C</td><td>-40</td></th<>		min	°C	-40
Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals max nmx nmx lbin 15 Terminals tool Pz 2 Conductor section IEC min nm² nm² 2.5 nm² 35 AWG/Kcmil min nm² 35 35 AWG/Kcmil min nm² 2 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 max max Nm span 2 span Terminals tool Pz 2 Conductor section IEC min max mm²	Max altitude		m	2000
Fixing Jestimals Tightening torque for terminals max Nm 2 nmax lbin 15 Terminals tool Pz 2 Conductor section IEC min min mm² mm² 35 AWG/Kcmil AWG/Kcmil min max mm² 35 Mechanical life cycles 20000 Weight g 185 Frontal IP degree IP20 Pollution degree 2	Mechanical features			
Fixing 35mm DIN rail Tightening torque for terminals max Nm 2 max Ibin 15 Terminals tool Pz 2 Conductor section 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	Operating position			
Tightening torque for terminals 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 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 mm² 35 14 max 2 2 Mechanical life cycles 20000 20000 Weight g 185 1P20 Pollution degree 2 2	Fixing			35mm DIN rail
Terminals tool	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	mm²	
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 lifecycles20000Weightg185Frontal IP degreeIP20Pollution degree2		min		
Weight g 185 Frontal IP degree IP20 Pollution degree 2		max		
Frontal IP degree IP20 Pollution degree 2			cycles	
Pollution degree 2			g	
Dimensions				2
	Dimensions			

electric RESIDUAL CURRENT OPERATED CIRCUIT BREAKER, 2 MODULES, 2P - TYPE A, 40A, 300MA

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Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 61008-1



P1RD2P40A300

electric RESIDUAL CURRENT OPERATED CIRCUIT BREAKER, 2 MODULES, 2P - TYPE A, 40A, 300MA ENERGY AND AUTOMATION

Certifications

EAC

TÜV-SUD

ETIM classification

ETIM 8.0

EC000003 -Residual current circuit breaker (RCCB)