

RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION, 10KA. 2 MODULES, 1P+N - TYPE A, 32A



Product type designation P1 RB Number of poles 1P4N Number of DIN modules 2 Compliance IEC Electrical features IEC 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 32 Tripping curve C C Residual operation characteristic MA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C -35 Storage temperature min °C -40 Max altitude m 2000 Mechanical features y 35mm DIN rail Fixing normal Vertical plan Fixing normal lbin 17.	Product designation			Residual current circuit breaker with overcurrent protection (RCBO)
Number of poles 1P+N Number of DIN modules 2 Compliance 1EC Electrical features	Product type designation			
Number of DIN modules				
Electrical features V 400 Rated insulation voltage Ui IEC/FN kV 4 Rated operational voltage AC (IEC) VAC 230 Rated operational voltage AC (IEC) VAC 230 Rated operational voltage AC (IEC) VAC 230 Rated requency Hz 50/60 Rated current (In) A 32 Tripping curve C C Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C -35 max °C 70 Storage temperature min °C -40 max °C 80 Mechanical features Operating position normal Vertical plan Fixing max Nm 2 min Ibn	·			2
Rated insulation voltage Ui IEC/EN	Compliance			IEC
Rated impulse withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 32 Tripping curve C C Residual operation characteristic A A Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C - 35 max °C 70 Storage temperature min °C - 40 max °C 80 Max altitude min 2000 Mechanical features Operating position Tightening torque for terminals min Nm 1.8 max Nm 2 2 Terminals tool min Immax Imm	Electrical features			
Rated operational voltage AC (IEC)	Rated insulation voltage Ui IEC/EN		V	400
Rated frequency Hz 50/60 Rated current (in) A 32 Tripping curve C C Residual operation characteristic A A Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.84 Ambient conditions min °C -35 Operating temperature min °C -40 Storage temperature min °C -40 Max altitude m 2000 Mechanical features mn 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 1.0 min 1bin 16 17.7 Terminals tool min min 17.7 2.2 Conductor section min min min 1.0 1.0			kV	4
Rated current (In)	Rated operational voltage AC (IEC)		VAC	230
Tripping curve	Rated frequency		Hz	50/60
Tripping curve			Α	32
Residual operation characteristic A Rated residual current mA 300 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.84 Ambient conditions Operating temperature min °C -35 max °C 70 Storage temperature min °C -40 max °C 80 Max altitude min 2000 Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 max	Tripping curve			С
Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.84 Ambient conditions Uperating temperature min °C -35 max °C 70 Storage temperature min °C -40 max °C 80 Max attitude min 2000 Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2				A
Power dissipation per pole max			mA	30
Power dissipation per pole max	Short circuit rating (IEC)		kA	10
Ambient conditions			W	3.84
Min	· · · ·			
Max C 70	Operating temperature			
Storage temperature min max "C -40 max "C 80 Max altitude m 2000 Mechanical features Operating position Fixing Towns IN rail Tightening torque for terminals min Nm 1.8 max Nm 2 mmx 1.8 max Nm 2 mmx 1.8 max Nm 2 mmx 1.8 max 1.0 max		min	°C	-35
min max °C s0 40 max 60 cc 80 Max altitude m 2000 Mechanical features Operating position normal Vertical plan S5mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool pz 2 Conductor section IEC min min mm² 1 max mm² 25 AWG/Kcmil min max mm² 3 3		max	°C	70
Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section min mm² 1 IEC min mm² 2 AWG/Kcmil min mm² 25 AWG/Kcmil min 16 max 3	Storage temperature			
Max altitude m 2000 Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 AWG/Kcmil min mm² 2 AWG/Kcmil min 16 max 3		min	°C	-40
Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 1bin 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section Pz 2 Conductor section min mm² 1 mm² 25 AWG/Kcmil min min 16 max 3		max	°C	80
Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 max mm² 25 AWG/Kcmil min mm² 16 max 3	Max altitude		m	2000
Normal Vertical plan	Mechanical features			
Tightening torque for terminals	Operating position			
Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7		normal		Vertical plan
Min Nm 1.8 Max Nm 2 Min Ibin 16 Max Ibin 17.7	Fixing			35mm DIN rail
Max Nm 2 min Ibin 16 max Ibin 17.7	Tightening torque for terminals			
Min		min	Nm	1.8
Terminals tool Pz 2		max	Nm	2
Terminals tool		min	Ibin	16
IEC		max	lbin	17.7
IEC min mm² 1 max mm² 25	Terminals tool			Pz 2
min mm² 1 max mm² 25 AWG/Kcmil min 16 max 3	Conductor section			
max mm² 25 AWG/Kcmil min 16 max 3	IEC			
AWG/Kcmil min 16 max 3		min	mm²	1
min 16 max 3		max	mm²	25
max 3	AWG/Kcmil			
		min		16
Weight g 205		max		3
	Weight		g	205

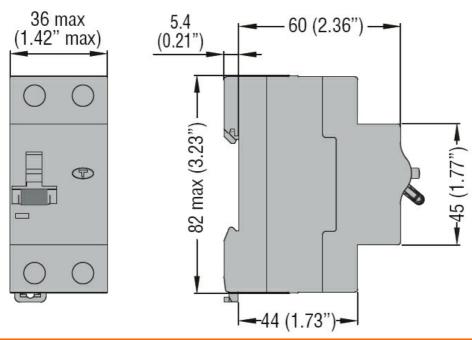


ENERGY AND AUTOMATION

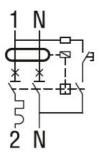
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Frontal IP degree	IP20
Pollution degree	2

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61009-1

Certifications

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000905 -Earth leakage circuit breaker