

RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION, 10KA. 2 MODULES, 1P+N - TYPE A, 16A



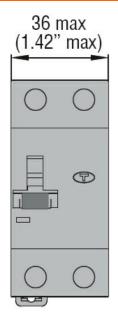
Electrical features V 400 Rated insulation voltage Uil IEC/EN kV 4 Rated inpulse withstand voltage Limp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated requency Hz 50/60 Rated current (In) A 16 Tripping curve C C Residual operation characteristic A A Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 2.4 Ambient conditions W 2.4 Operating temperature min °C -35 Storage temperature min °C -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min lbin 117.7 Terminals tool pz 2 2 <th>Product designation Product type designation Number of poles Number of DIN modules</th> <th></th> <th></th> <th>Residual current circuit breaker with overcurrent protection (RCBO) P1 RB 1P+N 2</th>	Product designation Product type designation Number of poles Number of DIN modules			Residual current circuit breaker with overcurrent protection (RCBO) P1 RB 1P+N 2	
Rated insulation voltage Uir IEC/EN V 400 Rated impulse withstand voltage Uirop kV 4 Rated operational voltage AC (IEC) VAC 230 Rated drequency I+Z 50/60 Rated current (In) A 16 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 2.4 Ambient conditions min °C -35 Coperating temperature min °C -35 Max "C 70 -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tiplitening torque for terminals min Nm 1.8 max Nm 2 -40 min lin 1.6 <td>Compliance Electrical features</td> <td></td> <td></td> <td>IEC</td>	Compliance Electrical features			IEC	
Rated impulse withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 16 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 2,4 Ambient conditions W 2,4 To perating temperature Image: Strong temperature min °C -35 Storage temperature min °C -40 Max altitude m 2000 Mechanical features Operating position vertical plan Tightening torque for terminals min Nm 1.8 max Nm 2 parameter pz 2 2 Conductor section <			V	400	
Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 16 Tripping curve C Residual operation characteristic A Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 2.4 Ambient conditions W 2.4 Operating temperature min °C -35 max °C 70 Storage temperature min °C -40 max °C 80 Max altitude m 2000 Mechanical features Wertical plan Operating position s 35mm DIN rail Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 max Nm 2 max Nm 2 max 1bin 17.7 Terminals tool Pz 2 Conductor section IEC min min mm² 1 max mm² 25 min mm² 1 max mm² 25 AWG/Kcmil min min 16 max 3					
Rated frequency					
Rated current (In)					
Tripping curve C Residual operation characteristic A Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 2.4 Ambient conditions Operating 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 min lbin 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool min lbin 17.7 Terminals tool min min mm 2 AWG/Kcmil min lbin 16 AWG/Kcmil <td ro<="" td=""><td></td><td></td><td>Α</td><td>16</td></td>	<td></td> <td></td> <td>Α</td> <td>16</td>			Α	16
Rated residual current					
Short circuit rating (IEC) kA 10 Power dissipation per pole max W 2.4 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 min Nm 1.8 max Nm 2 min 18 min 16 max 10 in 17.7 Terminals tool pz 2 Conductor section IEC min mm² 1 max mm² 25 AWG/Kcmil min mm² 16 max 3				A	
Power dissipation per pole max	Rated residual current		mΑ	30	
Max altitude	Short circuit rating (IEC)		kA	10	
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 min Nm 1.8 max Nm 2 max N	Power dissipation per pole max		W	2.4	
Min	Ambient conditions				
Max °C 70	Operating temperature				
Storage temperature		min			
Max altitude "C 80 Mechanical features 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 IEC min min mm² 1 max mm² 25 1 min mm² 25 AWG/Kcmil min min 16 max 3		max	°C	70	
Max altitude m 2000 Mechanical features Vertical plan Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max min mm 1 Conductor section min mm² 1 AWG/Kcmil min min 16 min min 16 max 3 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			
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 IEC min mm² 1 max mm² 25 AWG/Kcmil min mm² 16 max 3	 	max			
Operating position			m	2000	
Normal Vertical plan					
Tightening torque for terminals	Operating position				
Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7		normal			
Min Nm 1.8 Max Nm 2 Min Ibin 16 Max Ibin 17.7				35mm DIN rail	
Max Nm 2 min Ibin 16 max Ibin 17.7	lightening torque for terminals		Nina	4.0	
min Ibin 16 max Ibin 17.7					
Max Ibin 17.7					
Terminals tool					
Conductor section	Terminals tool	IIIax	10111		
IEC					
min mm² 1 max mm² 25 AWG/Kcmil min 16 max 3					
	0	min	mm²	1	
AWG/Kcmil min 16 max 3					
min 16 max 3	AWG/Kcmil				
max 3		min		16	
Weight g 205					
	Weight		g	205	

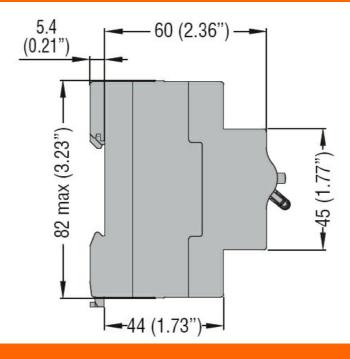


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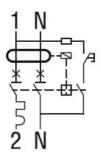
ENERGY AND AUTOMATION

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