

RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION, 10KA. 2 MODULES, 1P+N - TYPE A, 40A



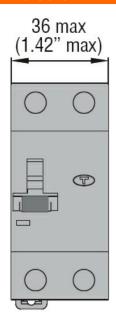
Selectrical features	Product designation Product type designation Number of poles Number of DIN modules Compliance			Residual current circuit breaker with overcurrent protection (RCBO) P1 RB 1P+N 2
Rated insulation voltage Ui IEC/EN V 400 Rated impulse withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 40 Tripping curve C A Residual operation characteristic A A Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 4 Ambient conditions max °C -35 Coperating temperature min °C -35 Max °C 70 ** Storage temperature min °C -40 Max altitude min °C -40 Max altitude min volume visual particular				IEC
Rated impulse withstand voltage Ulimp Rated operational voltage AC (IEC) VAC 230 Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 40 Tripping curve C Residual operation characteristic A Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 4 Ambient conditions Operating temperature min °C -35 max °C 70 Storage temperature min °C -40 max °C 70 Storage temperature min °C -40 max °C 80 Max altitude m 2000 Mechanical features mormal Vertical plan Fixing 35mm DIN rail Fixing 35mm DIN rail Fixing 77 Teminals tool mormal 77 Terminals tool Terminals Terminals IEC min min 17 AWG/Kcmil min mm² 2 AWG/Kcmil min min 16 max min min 16 min min min min 16 min min min min min min min min min min min min min min min min min min min min min min m			V	400
Rated operational voltage AC (IEC) VAC 230 Rated frequency Hz 50/60 Rated current (In) A 40 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 4 Ambient conditions W 4 Operating temperature min °C -35 Max altitude min °C 40 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 10 17.7 Terminals tool min min min 1 Conduc				
Rated frequency Hz 50/60 Rated current (In) A 40 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 4 Ambient conditions min °C -35 max °C 70 Storage temperature min °C -40 max °C 70 No 10 No No 10 No No No 10 No	·			
Rated current (In)				
Tripping curve			Α	40
Rated residual current mA 30 Short circuit rating (IEC) kA 10 Power dissipation per pole max W 4 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 normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 ma	Tripping curve			С
Short circuit rating (IEC) kA 10 Power dissipation per pole max W 4 Ambient conditions Operating temperature min °C -35 max °C 70 Storage temperature min °C -40 max °C 80 80 Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing Tightening torque for terminals min max Nm 2 min lbin 18 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool EC Conductor section IEC min mm² nm² 1 max mm² 25 AWG/Kcmil min mm² 16 max 16 max 3				A
Power dissipation per pole max	Rated residual current		mΑ	30
Ambient conditions	Short circuit rating (IEC)		kA	10
Operating temperature min max "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 Nm	Power dissipation per pole max		W	4
Min max	Ambient conditions			
Storage temperature Storage temperature min or C max *C max *C max *C max *C max *E max	Operating temperature			
Storage temperature min max °C and color with the color w		min		
min max °C valous or valou		max	°C	70
Max altitude m 2000 Mechanical features Operating position Fixing Tommal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 AWG/Kcmil min mm² 1 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 25 AWG/Kcmil min min min 16 max 3 3		min		
Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 max Nm 2 max 1bin 16 max 1bin 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 mm² 1 max mm² 25 AWG/Kcmil min 16 max 3 min max 3 3		max		
Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 AWG/Kcmil min mm² 25 AWG/Kcmil min min 16 max 3 16			m	2000
Normal Vertical plan				
Tightening torque for terminals	Operating position			
Tightening torque for terminals		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 Terminals tool Pz 2	lightening torque for terminals		Nima	4.0
Min Ibin 16 Max Ibin 17.7 Terminals tool Pz 2				
Terminals tool				
Terminals tool				
IEC	Terminals tool	IIIdx	10111	
IEC min mm² 1 max mm² 25 AWG/Kcmil min 16 max 3				1 4 4
min mm² 1 max mm² 25 AWG/Kcmil min 16 max 3				
Max mm² 25 AWG/Kcmil min 16 max 3	.20	min	mm²	1
AWG/Kcmil min 16 max 3				
min 16 max 3	AWG/Kcmil			
max 3		min		16
	Weight		g	205

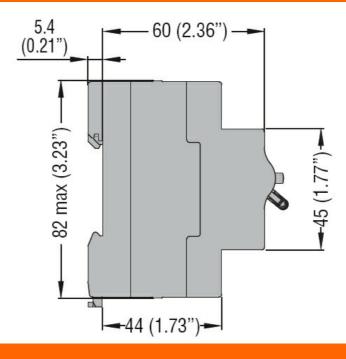


RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION, 10KA. 2 MODULES, 1P+N - TYPE A, 40A

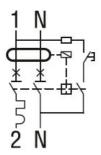
ENERGY	AND	AUTOM	ATION
--------	-----	-------	-------

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