



Residual current
circuit breaker
with overcurrent
protection
(RCBO)
P1 RB
1P+N
2
IEC

Product designation

Product type designation

Number of poles

Number of DIN modules

Compliance

Electrical features

Rated insulation voltage U_i IEC/EN	V	400
Rated impulse withstand voltage U_{imp}	kV	4
Rated operational voltage AC (IEC)	VAC	230
Rated frequency	Hz	50/60
Rated current (I_n)	A	20
Tripping curve		C
Residual operation characteristic		A
Rated residual current	mA	300
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	3

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	lbin	16
max	lbin	17.7

Terminals tool

Pz 2

Conductor section

IEC

min	mm ²	1
max	mm ²	25

AWG/Kcmil

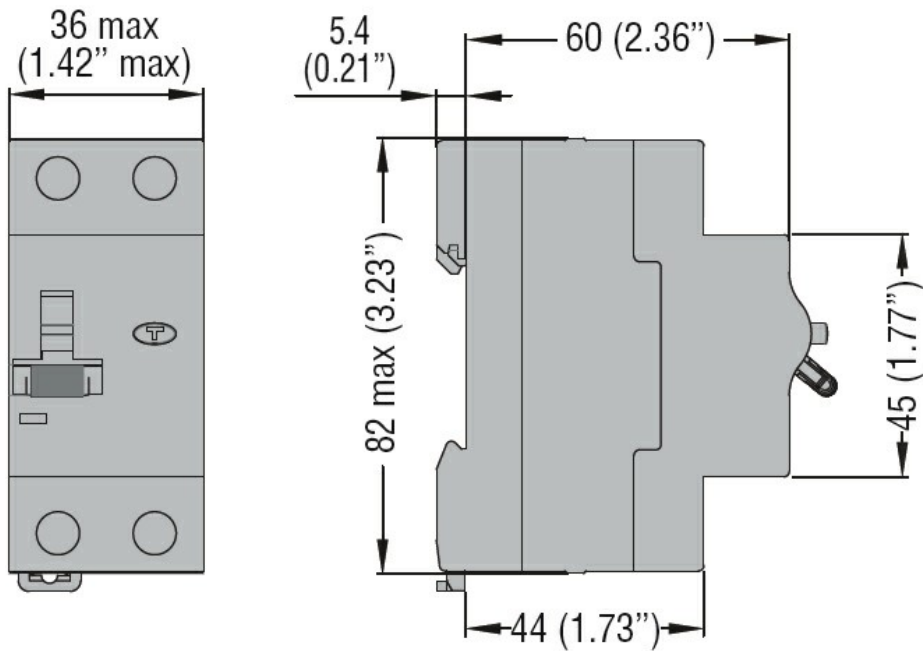
min		16
max		3

Weight

g 2055

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
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