P1RE1NC20A300

RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION, 10KA. 2 MODULES, 1P+N - TYPE A, 20A, 300MA



Product designation			Residual current circuit breakers (RCCB) with overcurrent protection
Product type designation			P1RE
Number of poles			1P+N
Number of DIN modules			2
Compliance			IEC
Electrical features			
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	20
Tripping curve			C
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	-25
	max	°C	+60
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
	max	Ibin	15
Terminals tool			Pz 2
Conductor section			
IEC			
	min	mm²	1
	max	mm²	16
AWG/Kcmil			
	min		16
	max		3
Mechanical life		cycles	20000
Weight		g	205

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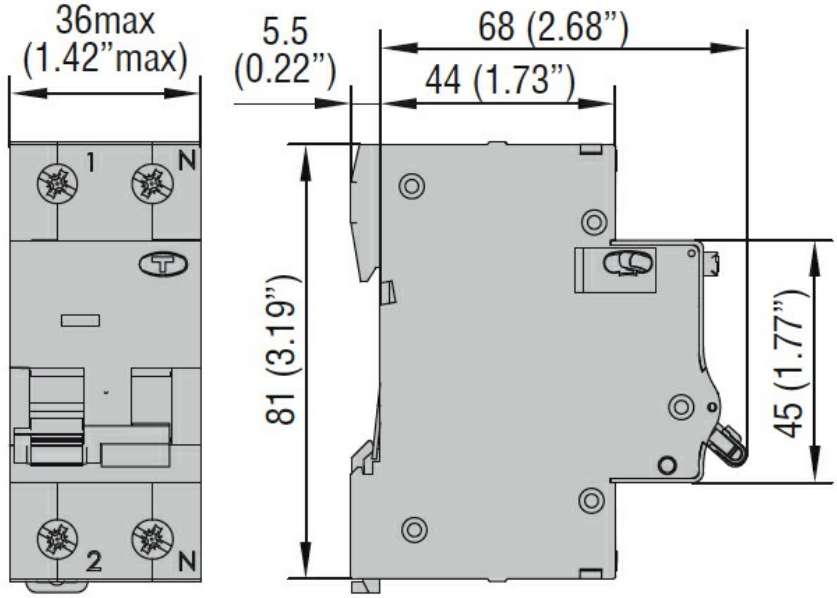
Frontal IP degree	IP20
Pollution degree	2

Dimensions



Certifications and compliance

Compliance

IEC/EN/BS 61009-1

Certifications

EAC

TÜV-SUD

ETIM classification

ETIM 8.0	EC000905 - Earth leakage circuit breaker

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