Lovato electric
ENERGY AND AUTOMATION

P1RD4P40A300

RESIDUAL CURRENT OPERATED CIRCUIT BREAKER, 4 MODULES, 4P - TYPE A, 40A, 300MA

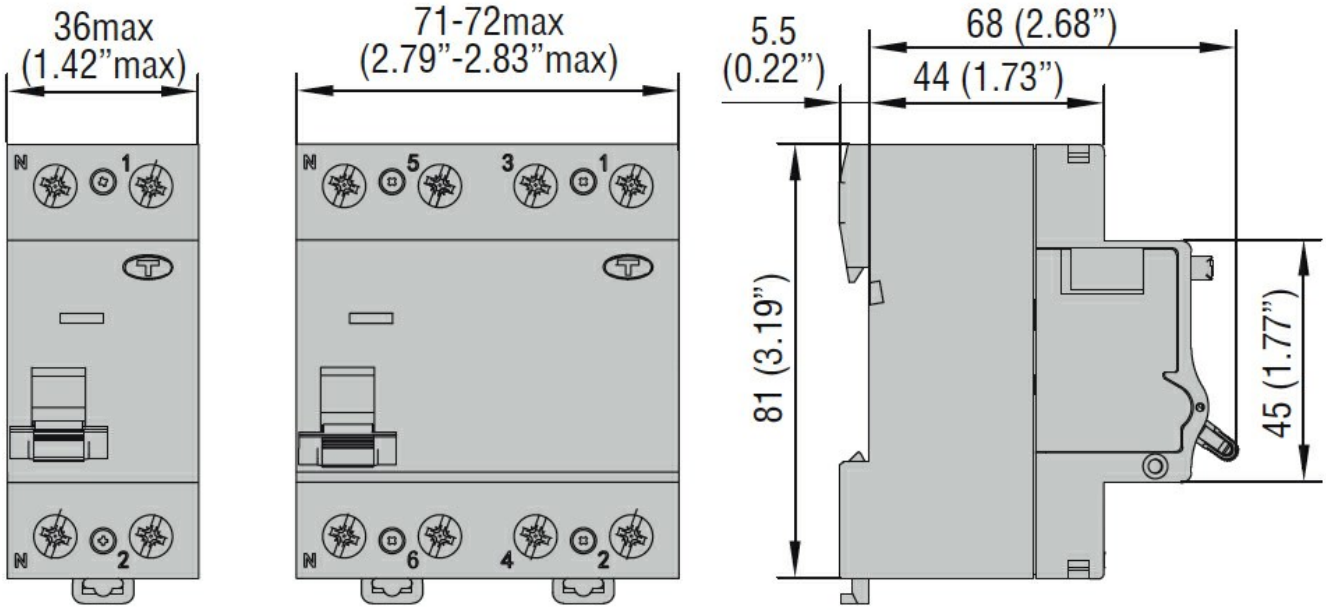


Product designation			Residual current circuit breakers (RCCB)
Product type designation			P1RD
Number of poles			4P
Number of DIN modules			4
Compliance			IEC
Electrical features			
Rated insulation voltage Ui IEC/EN		V	400
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230/400
Rated frequency		Hz	50/60
Rated current (In)		A	40
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	lbin	15
Terminals tool			Pz 2
Conductor section			
IEC			
	min	mm²	2.5
	max	mm²	35
AWG/Kcmil			
	min		14
	max		2
Mechanical life		cycles	20000
Weight		g	326
Frontal IP degree			IP20
Pollution degree			2
Dimensions			

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Certifications and compliance

Compliance	
	IEC/EN/BS 61008-1
Certifications	
	EAC
	TÜV-SUD

ETIM classification

ETIM 8.0	EC000003 - Residual current circuit breaker (RCCB)

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