



Electrical features

Rated insulation voltage U_i IEC/EN	V	440
Rated impulse withstand voltage U_{imp}	kV	4
Rated operational voltage AC (IEC)	VAC	230/400
Rated frequency	Hz	50/60
Rated current (I_n)	A	50
Tripping curve		C
Short circuit rating (IEC)	kA	10
Limiting class		3
Electrical life	cycles	10000
Power dissipation per pole max	W	3.5

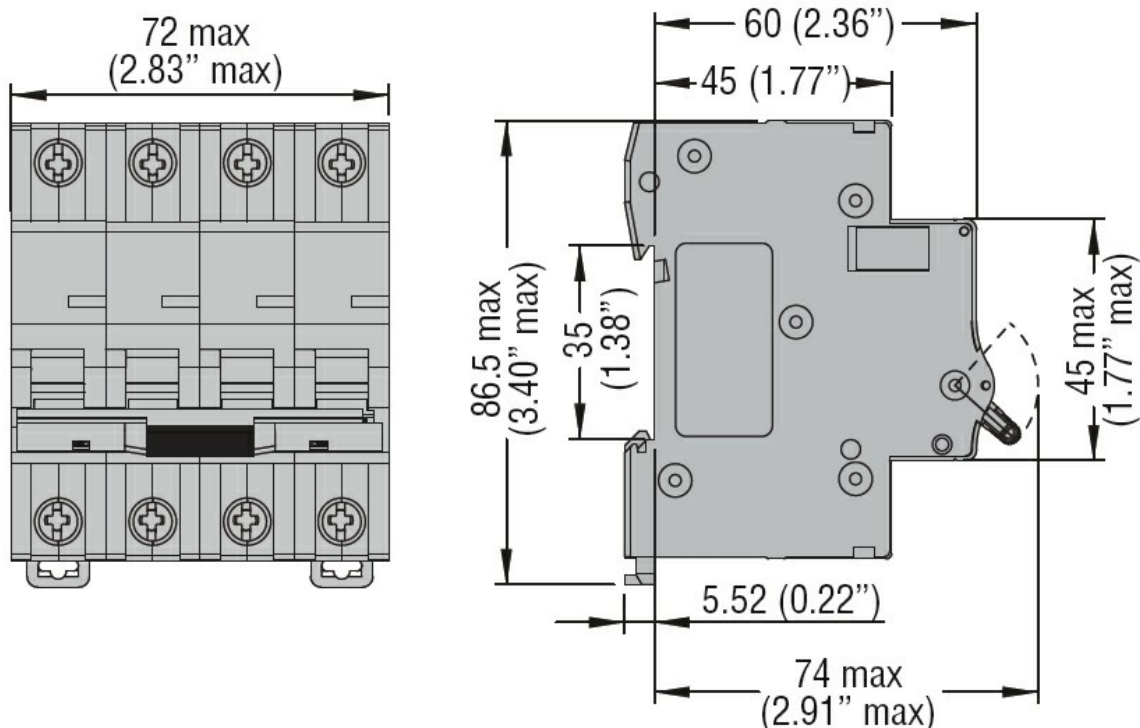
Ambient conditions

Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

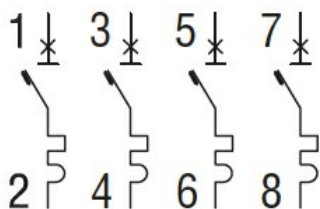
Mechanical features

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	35
		AWG/Kcmil		
		min		14
		max	kcmil	6
Mechanical life			cycles	20000
Weight			g	460
Frontal IP degree				IP20
Pollution degree				2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard			mm	60

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60898-1

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)