



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	230/400
Rated frequency	Hz	50/60
Rated current (I_n)	A	80
Tripping curve		D
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	11.58

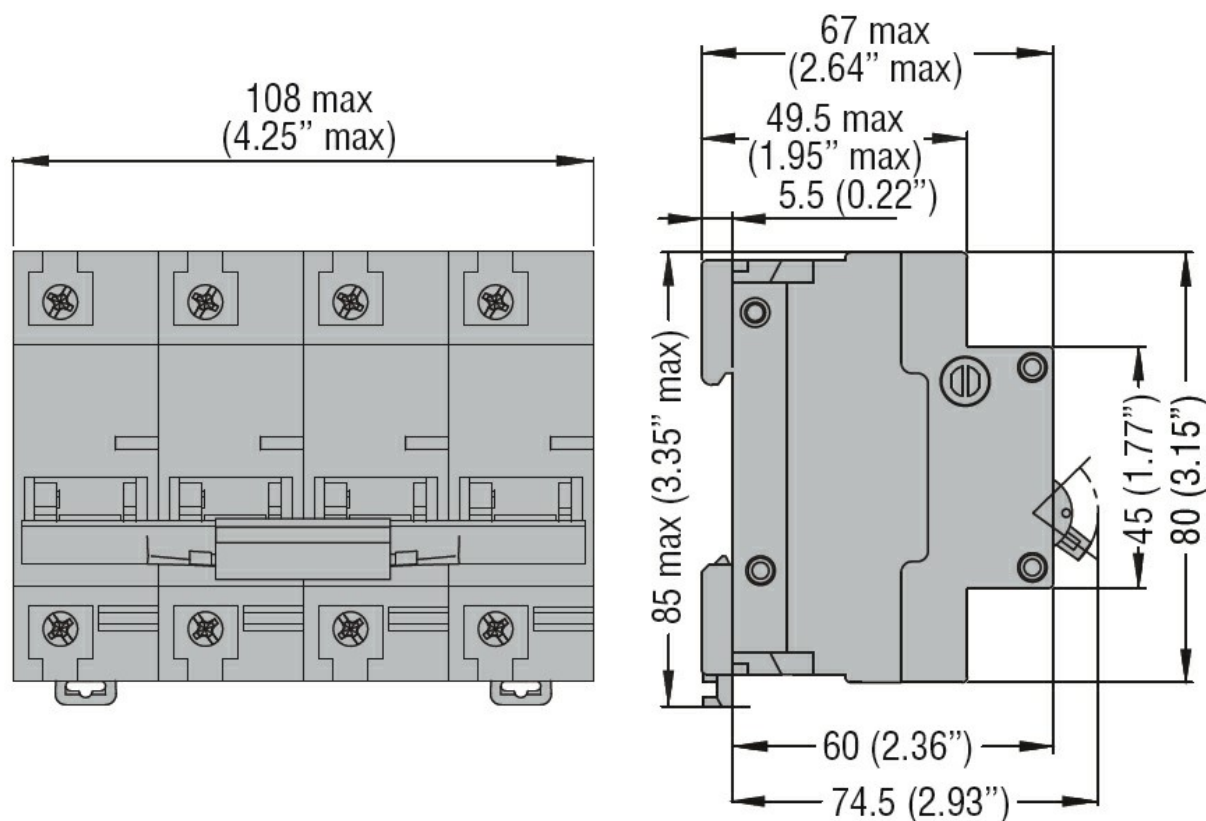
Ambient conditions

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

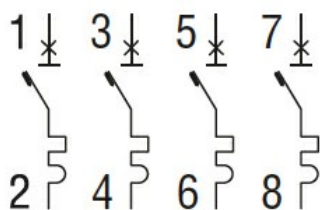
Mechanical features

Operating position		normal	Vertical plan
Fixing			35mm DIN rail
Tightening torque for terminals	min	Nm	3.2
	max	Nm	3.5
	min	lbin	28.3
	max	lbin	31
Terminals tool			Pz 2
Conductor section			
IEC	min	mm ²	2.5
	max	mm ²	50
AWG/Kcmil	min		14
	max	kcmil	1/0
Mechanical life	cycles	10000	
Weight	g	680	
Frontal IP degree		IP20	
Pollution degree		3	

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)