



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		C
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	11.58

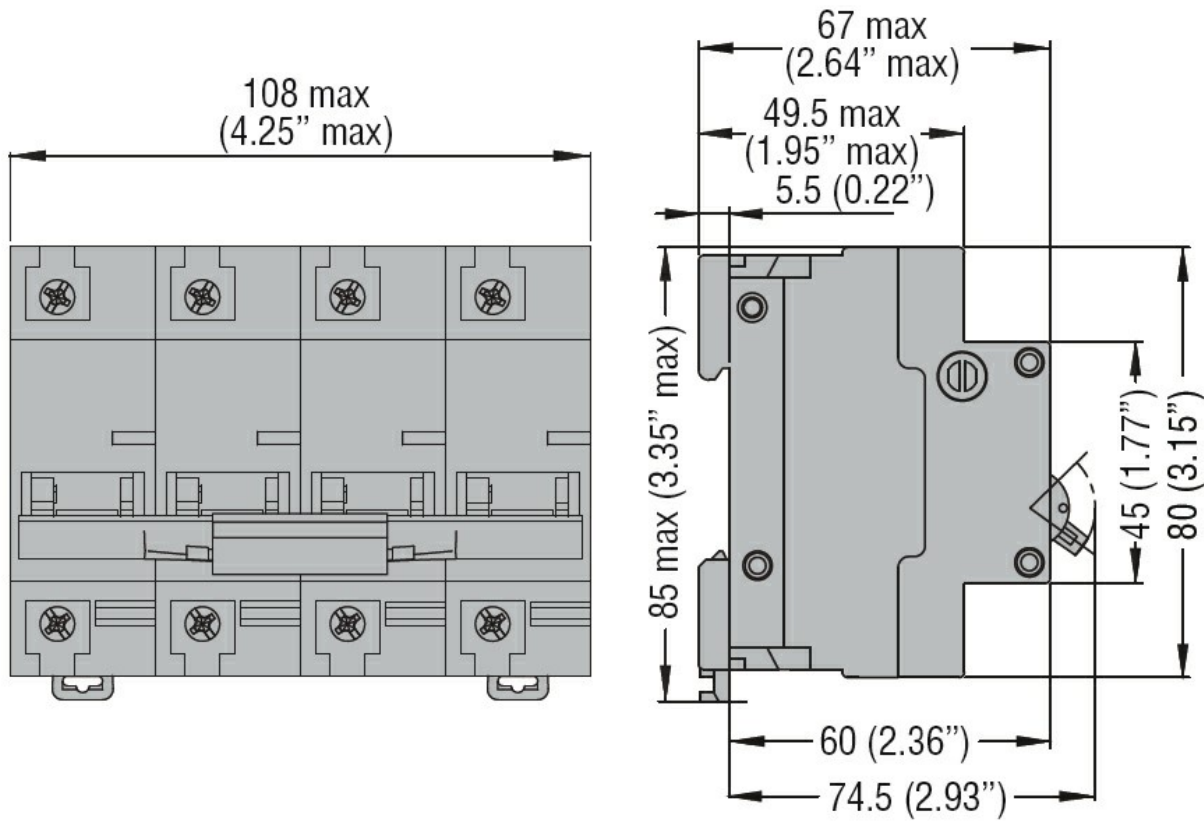
Ambient conditions

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

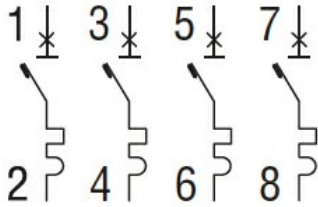
Mechanical features

Operating position		normal		Vertical plan
Fixing				35mm DIN rail
Tightening torque for terminals	min	Nm	3.2	
	max	Nm	3.5	
	min	Ibin	28.3	
	max	Ibin	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)