



Electrical features

Rated insulation voltage Ui IEC/EN	V	1000
Rated impulse withstand voltage Uimp	kV	4
Rated operational voltage DC	VDC	1000
Rated current (In)	A	50
Tripping curve		B
Short circuit rating (IEC)	kA	5
Electrical life	cycles	2500
Power dissipation per pole max	W	3.5

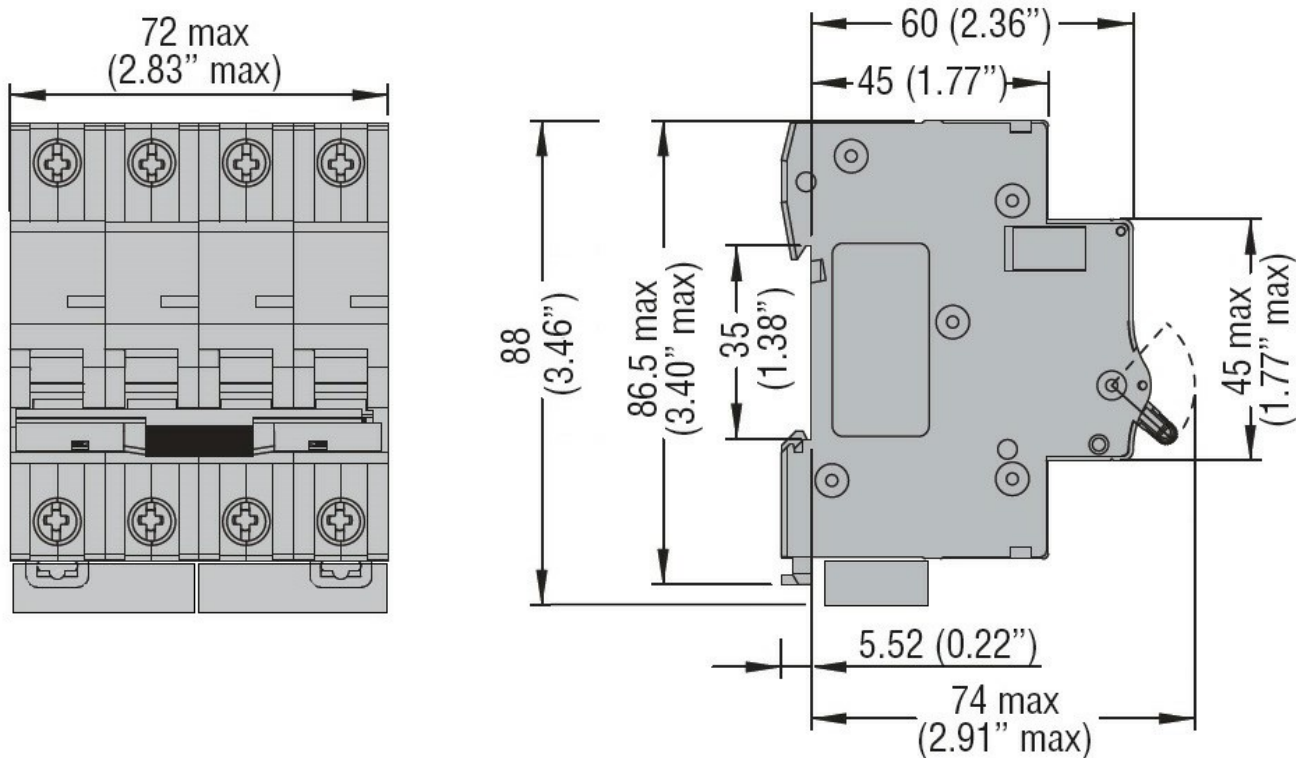
Ambient conditions

Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000
Relative humidity		%	≤95%

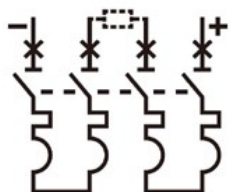
Mechanical features

Operating position		normal	Vertical plan
Fixing			35mm DIN rail
Tightening torque for terminals		min	Nm 1.8
		max	Nm 2
		min	Ibin 16
		max	Ibin 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	505
Frontal IP degree			IP20
Pollution degree			3
Grid distance as per Annex H.1 of IEC/EN60898-1 standard		mm	60

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-2

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)