



### 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 operational voltage AC (UL)	V	480Y/277
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	1.6
Tripping curve		C
Short circuit rating (IEC)	kA	10
Short circuit rating (UL)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	0.96

### 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 <sup>2</sup> 1
		max	mm <sup>2</sup> 35
	AWG/Kcmil	min	14
		max	kcmil 6
Mechanical life		cycles	20000
Weight		g	388
Frontal IP degree			IP20
Pollution degree			2

### Dimensions



**Wiring diagrams**



**Certifications and compliance**

**Compliance**

IEC/EN 60947-2  
UL489

**Certifications**

cULus  
EAC

**ETIM classification**

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)