



**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 operational voltage DC	VDC	125
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	8
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	1.25

**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	255	
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)