



### 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	20
Tripping curve		D
Short circuit rating (IEC)	kA	10
Short circuit rating (UL)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	1.56

### Ambient conditions

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

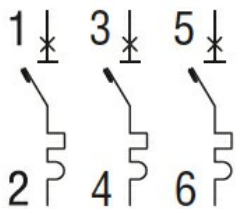
### Mechanical features

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)