



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 operational voltage DC	VDC	125
Rated frequency	Hz	50/60
Rated current (I_n)	A	100
Tripping curve		D
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	14

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	lbin	28.3
	max	lbin	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		340
Frontal IP degree			IP20
Pollution degree			3

ETIM classification

ETIM 8.0	EC000042 - Miniature circuit breaker (MCB)
----------	--