



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 frequency	Hz	50/60
Rated current (I_n)	A	50
Tripping curve		D
Short circuit rating (IEC)	kA	10
Limiting class		3
Electrical life	cycles	10000
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

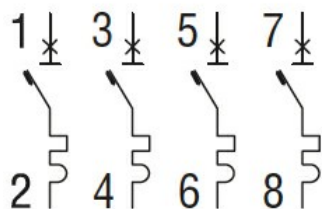
Mechanical features

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 ² 1
		max	mm ² 35
AWG/Kcmil		min	14
		max	kcmil 6
Mechanical life		cycles	20000
Weight		g	460
Frontal IP degree			IP20
Pollution degree			2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard		mm	60

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60898-1

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)