



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
Rated frequency	Hz	50/60
Rated current (I_n)	A	6
Tripping curve		C
Short circuit rating (IEC)	kA	6
Limiting class		3
Electrical life	cycles	10000
Power dissipation per pole max	W	1.04

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	1.1
	max	Nm	1.2
	min	lbin	9.7
	max	lbin	10.6
Terminals tool			Pz 2
Conductor section	IEC	min	mm ² 1
		max	mm ² 16
	AWG/Kcmil	min	14
		max	kcmil 6
Mechanical life		cycles	20000
Weight		g	115
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

IEC/EN 60898-1

IEC/EN 60947-2

Certifications

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)