



Product designation

Product type designation

Operating voltage type

Number of poles

Number of DIN modules

MODULAR
CONTACTOR
CN
AC/DC
4
3

Electrical features

IEC Conventional free air thermal current I _{th}	A	40
Operational current AC1 and AC-7a ≤400V	A	40
Operational current AC-3 and AC-7b ≤400V	A	22
Rated insulation voltage U _i IEC/EN	V	440
Rated impulse withstand voltage U _{imp}	kV	4
Minimum switching capacity		≥17V ≥50mA
Power dissipation per pole (average value) I _{th}	W	4

Control circuit

Auxiliary rated supply voltage U _s		220VAC/VDC
Auxiliary contacts		
	NO	Nr. 4
Average coil consumption ≤20°C		
	in-rush	W 5
	holding	W 5

Operating voltage

pick-up

min	%U _s	85
max	%U _s	110

drop-out

min	%U _s	20
max	%U _s	75

Operating times

Average time

Closing NO

min	ms	15
max	ms	20

Opening NO

min	ms	35
max	ms	45

Operations

Mechanical life	cycles	3000000
Electrical life AC-3	cycles	150000
Electrical life AC1	cycles	100000

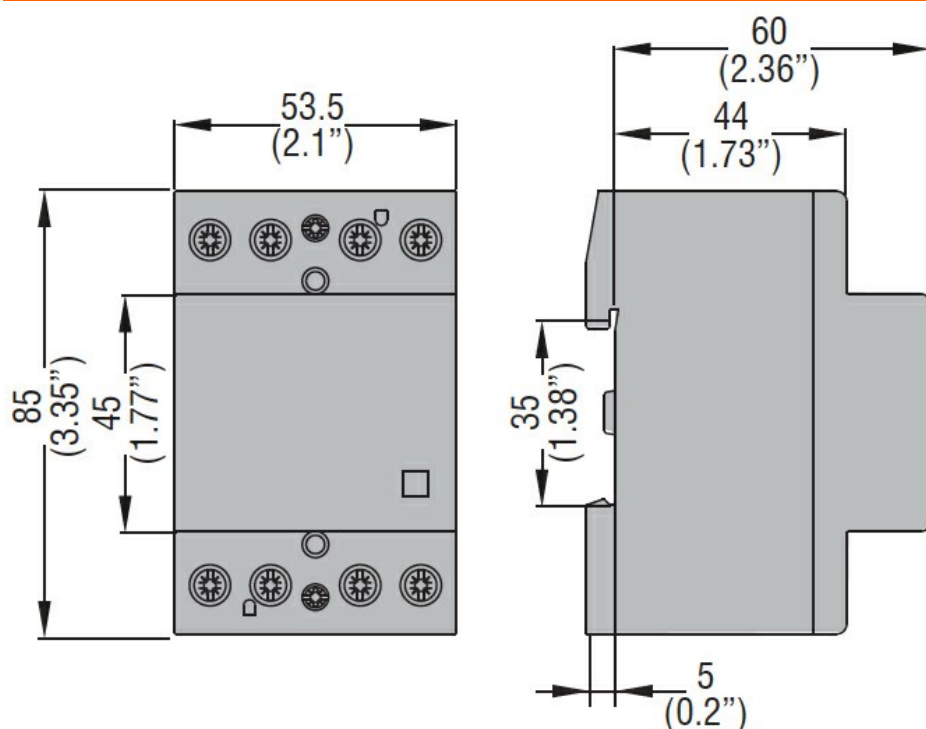
Ambient conditions

Operating temperature

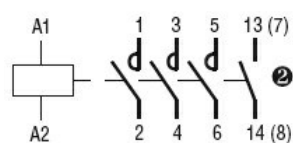
min	°C	-25
max	°C	+70

Storage temperature

		min	°C	-30
		max	°C	80
Max altitude			m	2000
Mechanical features				
Fixing				DIN rail 35mm
Tightening torque for coil terminal				
	max	Nm		0.6
	max	lbin		0.6
Tightening torque for terminals				
	max	Nm		2
	max	lbin		1.48
Conductor section				
Coil terminal				
	min	mm ²		1
	max	mm ²		2.5
Power terminal				
	min	mm ²		1.5
	max	mm ²		16
Terminals tool				PZ2
Weight			g	425
Resistance & Protection				
Frontal IP degree				IP20
Pollution degree				3
Dimensions				



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-4-1

IEC/EN 60947-5-1

IEC/EN 61095

Certificates

EAC

ETIM classification

ETIM 8.0

EC000066 -
Power contactor,
AC switching