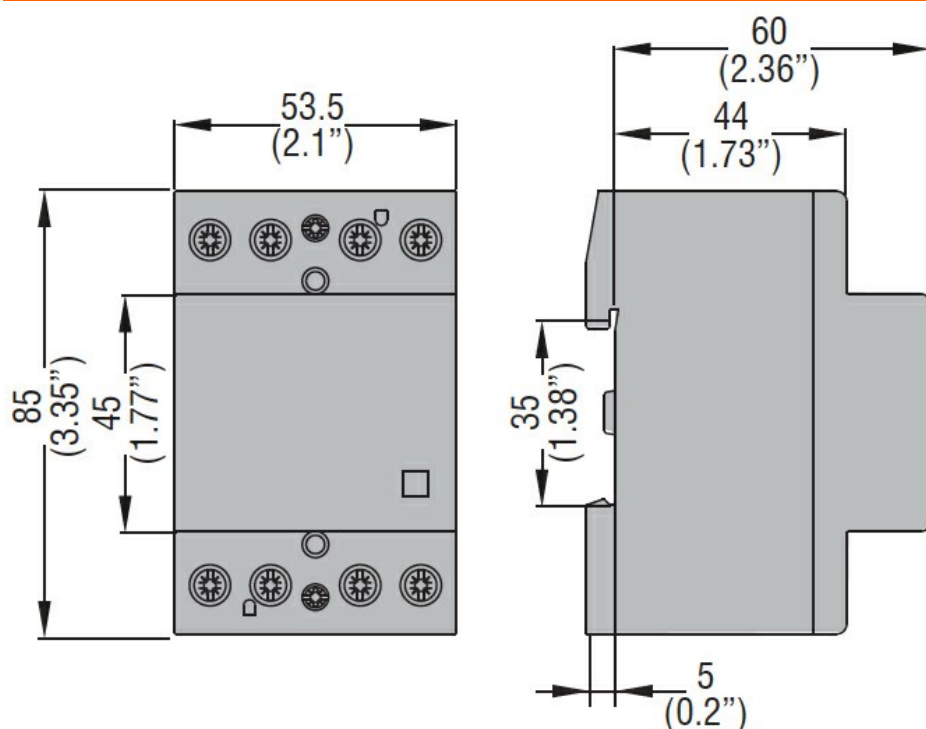


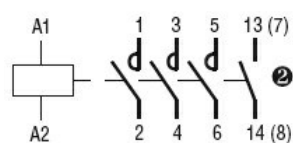


Product designation			MODULAR CONTACTOR	
Product type designation			CN	
Operating voltage type			AC/DC	
Number of poles			4	
Number of DIN modules			3	
Electrical features				
IEC Conventional free air thermal current Ith			A	40
Operational current AC1 and AC-7a ≤400V			A	40
Operational current AC-3 and AC-7b ≤400V			A	22
Rated insulation voltage Ui IEC/EN			V	440
Rated impulse withstand voltage Uimp			kV	4
Minimum switching capacity			≥17V ≥50mA	
Power dissipation per pole (average value) Ith			W	4
Control circuit				
Auxiliary rated supply voltage Us			220VAC/VDC	
Auxiliary contacts			NO	Nr. 4
Average coil consumption ≤20°C			in-rush	W 5
			holding	W 5
Operating voltage				
pick-up	min	%Us	85	
	max	%Us	110	
drop-out	min	%Us	20	
	max	%Us	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