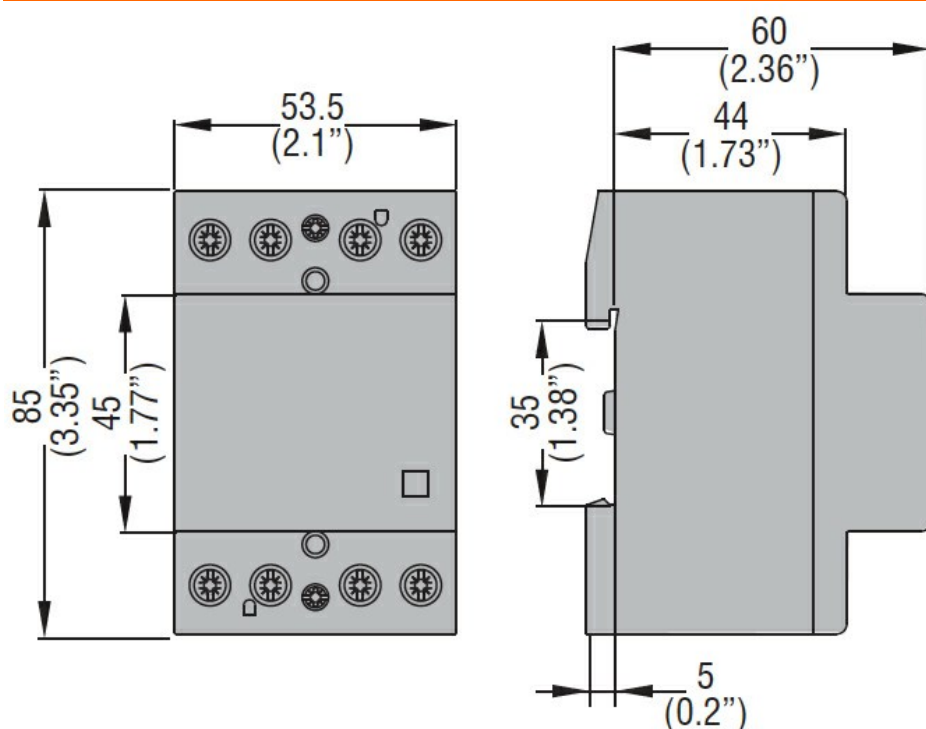


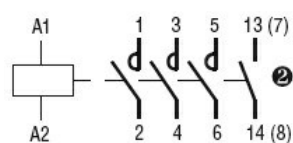


Product designation			MODULAR CONTACTOR		
Product type designation			CN		
Operating voltage type			AC/DC		
Number of poles			4		
Number of DIN modules			3		
Electrical features					
IEC Conventional free air thermal current I _{th}			A	40	
Operational current AC1 and AC-7a ≤400V			A	40	
Operational current 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