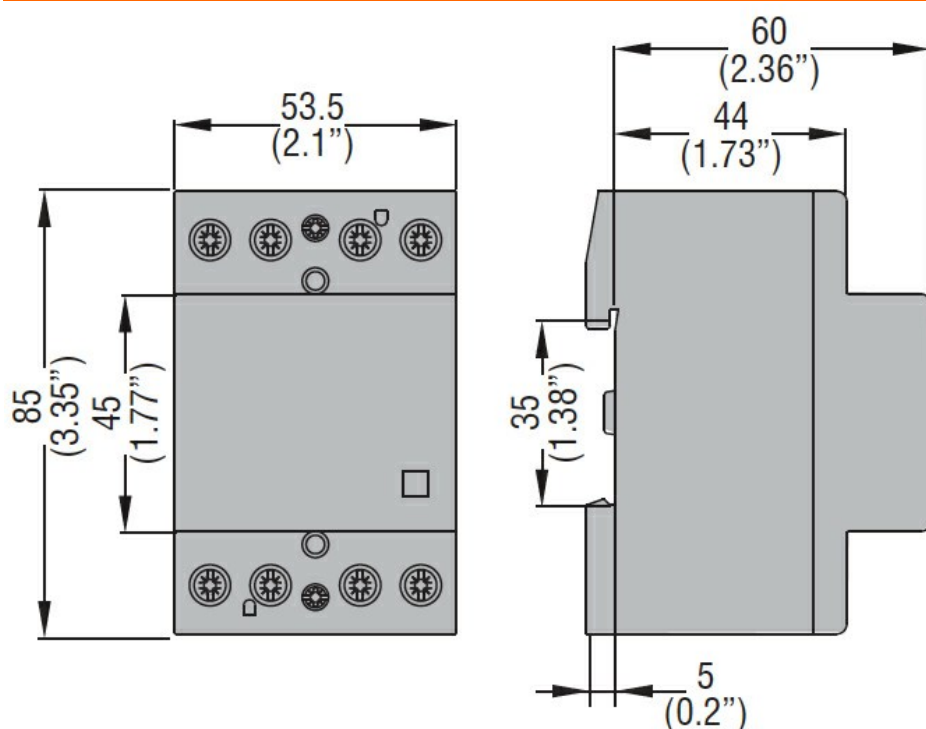


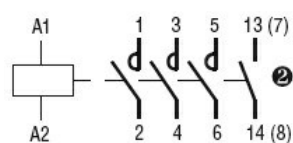


Product designation			MODULAR CONTACTOR	
Product type designation			CN	
Operating voltage type			AC/DC	
Number of poles			4	
Number of DIN modules			3	
Electrical features				
IEC Conventional free air thermal current I <sub>th</sub>			A	40
Operational current AC1 and AC-7a ≤400V			A	40
Operational current AC-3 and AC-7b ≤400V			A	22
Rated insulation voltage U <sub>i</sub> IEC/EN			V	440
Rated impulse withstand voltage U <sub>imp</sub>			kV	4
Minimum switching capacity			≥17V ≥50mA	
Power dissipation per pole (average value) I <sub>th</sub>			W	4
Control circuit				
Auxiliary rated supply voltage U <sub>s</sub>			24VAC/DC	
Auxiliary contacts			NO	Nr. 4
Average coil consumption ≤20°C			in-rush	W 5
			holding	W 5
Operating voltage				
pick-up	min	%U <sub>s</sub>	85	
	max	%U <sub>s</sub>	110	
drop-out	min	%U <sub>s</sub>	20	
	max	%U <sub>s</sub>	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
<b>Mechanical features</b>			
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 <sup>2</sup>	1
	max	mm <sup>2</sup>	2.5
Power terminal			
	min	mm <sup>2</sup>	1.5
	max	mm <sup>2</sup>	16
Terminals tool			PZ2
Weight		g	425
<b>Resistance &amp; Protection</b>			
Frontal IP degree			IP20
Pollution degree			3
<b>Dimensions</b>			



## 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