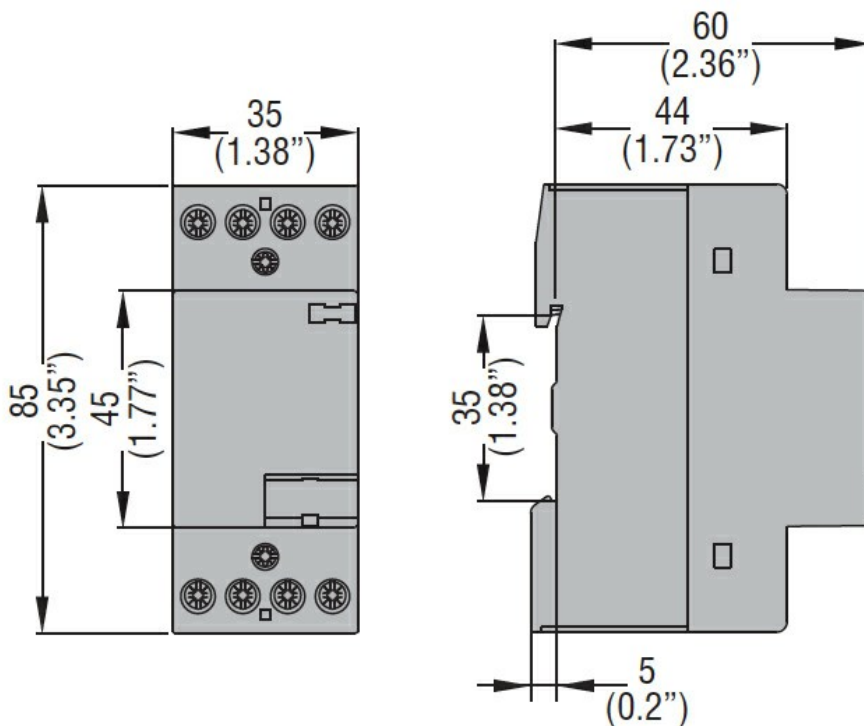


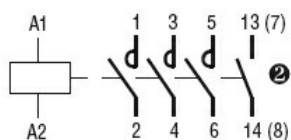


Product designation	MODULAR CONTACTOR				
Product type designation	CN				
Operating voltage type	AC/DC				
Number of poles	4				
Number of DIN modules	2				
<b>Electrical features</b>					
IEC Conventional free air thermal current I <sub>th</sub>	A	32			
Operational current AC1 and AC-7a ≤400V	A	32			
Operational current AC3 and AC-7b ≤400V	A	8.5			
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	2.5			
<b>Control circuit</b>					
Auxiliary rated supply voltage U <sub>s</sub>		24VAC/DC			
Auxiliary contacts	NO	Nr.	4		
Average coil consumption ≤20°C	in-rush	W	3		
	holding	W	3		
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		
<b>Operating times</b>					
Average time	Closing NO	min	ms 15		
		max	ms 45		
	Opening NO	min	ms 20		
		max	ms 70		
		<b>Operations</b>			
		Mechanical life	cycles	3000000	
Electrical life AC3	cycles	500000			
Electrical life AC1	cycles	150000			
<b>Ambient conditions</b>					
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	1.2
	max	lbin	0.9
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
	max	mm <sup>2</sup>	10
Terminals tool			PZ2
Weight		g	260
<b>Resistance &amp; Protection</b>			
Frontal IP degree			IP20
Pollution degree			3
<b>Dimensions [mm (in)]</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