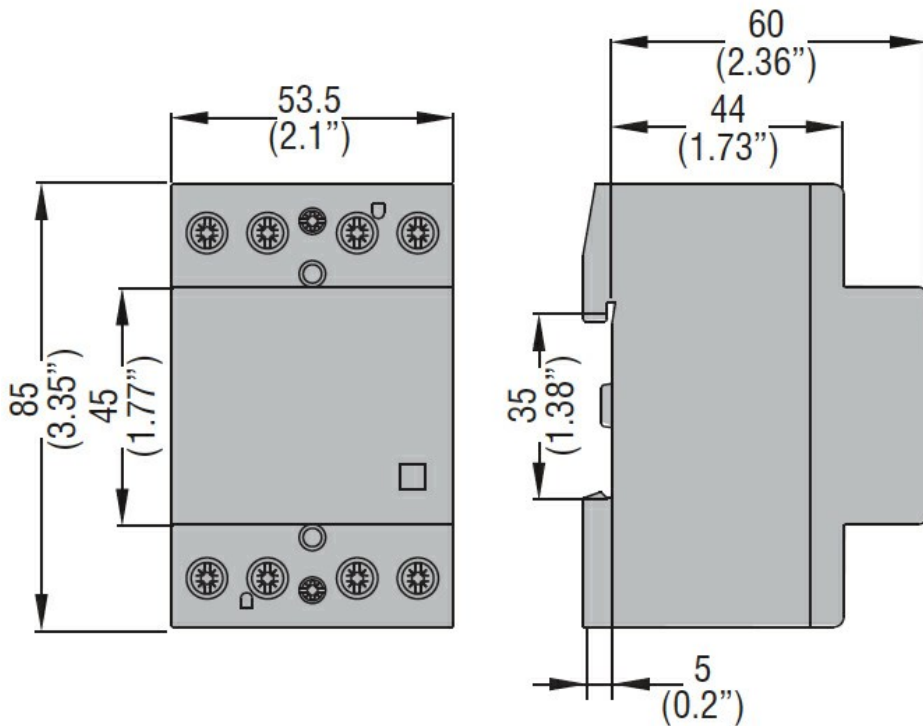




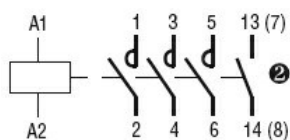
Product designation	MODULAR CONTACTOR		
Product type designation	CN		
Operating voltage type	AC/DC		
Number of poles	4		
Number of DIN modules	3		
<b>Electrical features</b>			
IEC Conventional free air thermal current I <sub>th</sub>	A	40	
Operational current AC1 and AC-7a ≤400V	A	40	
Operational current 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	
<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	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
<b>Operating times</b>			
Average time	Closing NO	min	ms 15
		max	ms 20
	Opening NO	min	ms 35
		max	ms 45
<b>Operations</b>			
Mechanical life		cycles	3000000
Electrical life AC-3		cycles	150000
Electrical life AC1		cycles	100000
<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	Ibin	0.6
Tightening torque for terminals	max	Nm	2
	max	Ibin	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

**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