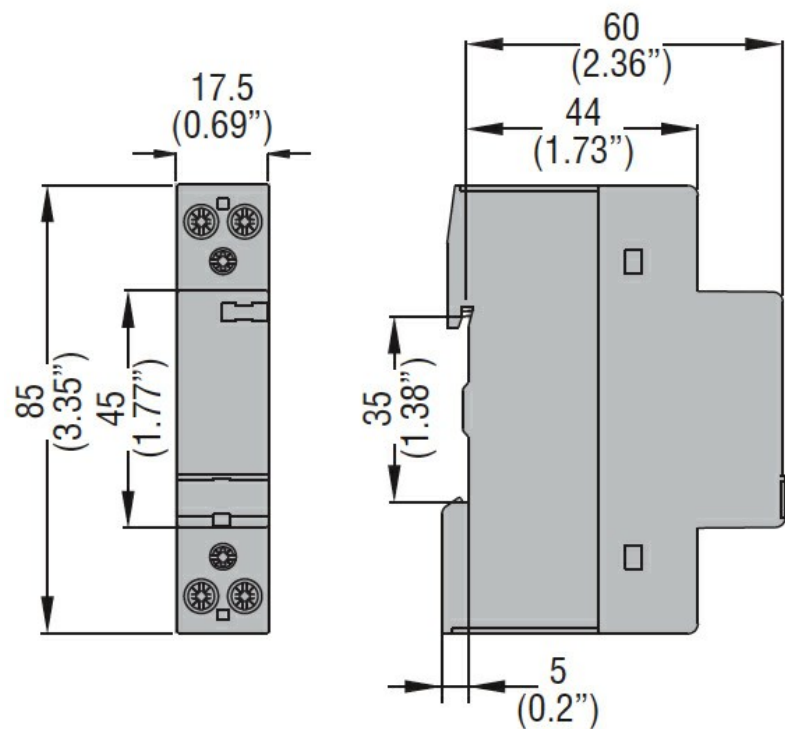


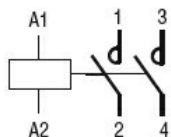


Product designation			MODULAR CONTACTOR	
Product type designation			CN	
Operating voltage type			AC/DC	
Number of poles			2	
Number of DIN modules			1	
Electrical features				
IEC Conventional free air thermal current I <sub>th</sub>			A	32
Operational current AC1 and AC-7a ≤400V			A	32
Operational current AC-3 and AC-7b ≤400V			A	9
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
Control circuit				
Auxiliary rated supply voltage U <sub>s</sub>			24VAC/DC	
Auxiliary contacts			NO	Nr. 2
Average coil consumption ≤20°C			in-rush	W 2.5
			holding	W 2.5
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	45	
			Opening NO	
	min	ms	25	
	max	ms	50	
Operations				
Mechanical life			cycles	3000000
Electrical life AC-3			cycles	500000
Electrical life AC1			cycles	150000
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	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	135
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