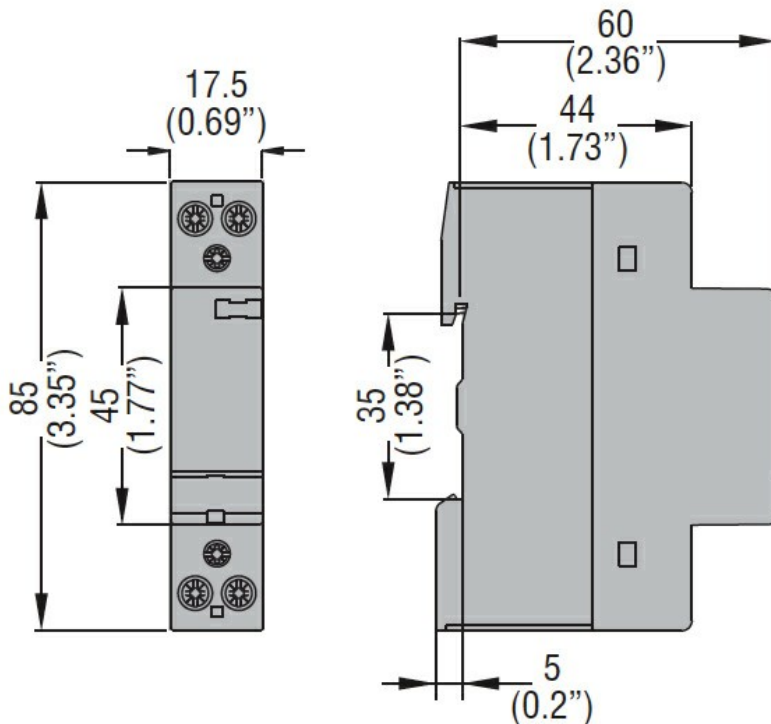


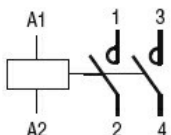


Product designation	MODULAR CONTACTOR		
Product type designation	CN		
Operating voltage type	AC/DC		
Number of poles	2		
Number of DIN modules	1		
<b>Electrical features</b>			
IEC Conventional free air thermal current I <sub>th</sub>	A	32	
Operational current AC1 and AC-7a ≤400V	A	32	
Operational current AC3 and AC-7b ≤400V	A	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	
<b>Control circuit</b>			
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
<b>Operating times</b>			
Average time	Closing NO	min	ms 15
		max	ms 45
	Opening NO	min	ms 25
		max	ms 50
<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	135
<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