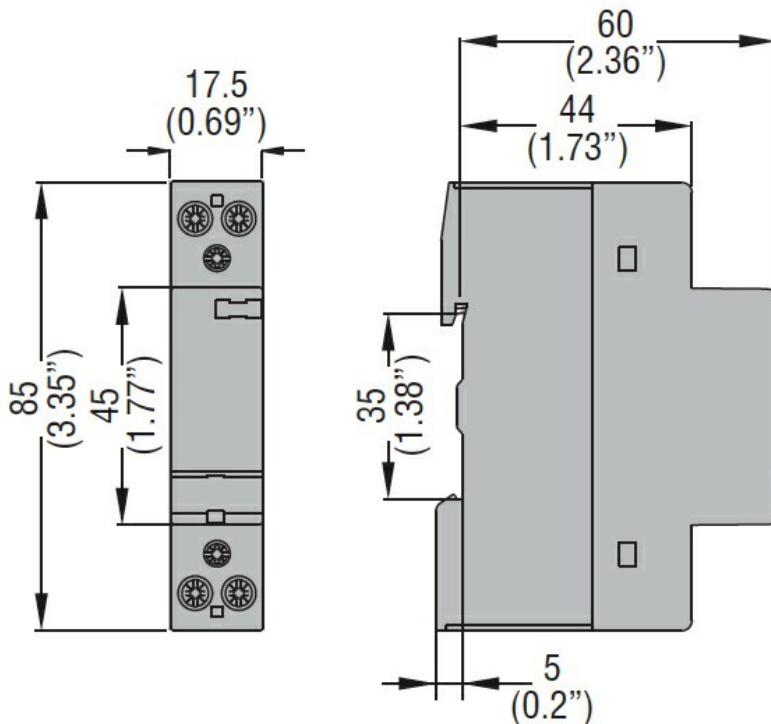


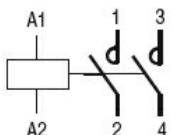


Product designation	MODULAR CONTACTOR			
Product type designation	CN			
Operating voltage type	AC/DC			
Number of poles	2			
Number of DIN modules	1			
Electrical features				
IEC Conventional free air thermal current I _{th}	A	20		
Operational current AC1 and AC-7a ≤400V	A	20		
Operational current AC3 and AC-7b ≤400V	A	9		
Rated insulation voltage U _i IEC/EN	V	440		
Rated impulse withstand voltage U _{imp}	kV	4		
Minimum switching capacity		≥17V ≥50mA		
Power dissipation per pole (average value) I _{th}	W	1.7		
Control circuit				
Auxiliary rated supply voltage U _s		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 _s 85	
		max	%U _s 110	
	drop-out	min	%U _s 20	
		max	%U _s 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 AC3	cycles	300000		
Electrical life AC1	cycles	200000		
Ambient conditions				
Operating temperature	min	°C	-25	
	max	°C	+70	
Storage temperature				

	min	°C	-40
	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 ²	1
	max	mm ²	2.5
	Power terminal		
	min	mm ²	1
	max	mm ²	10
Terminals tool			PZ2
Weight		g	135
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3
Dimensions [mm (in)]			



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