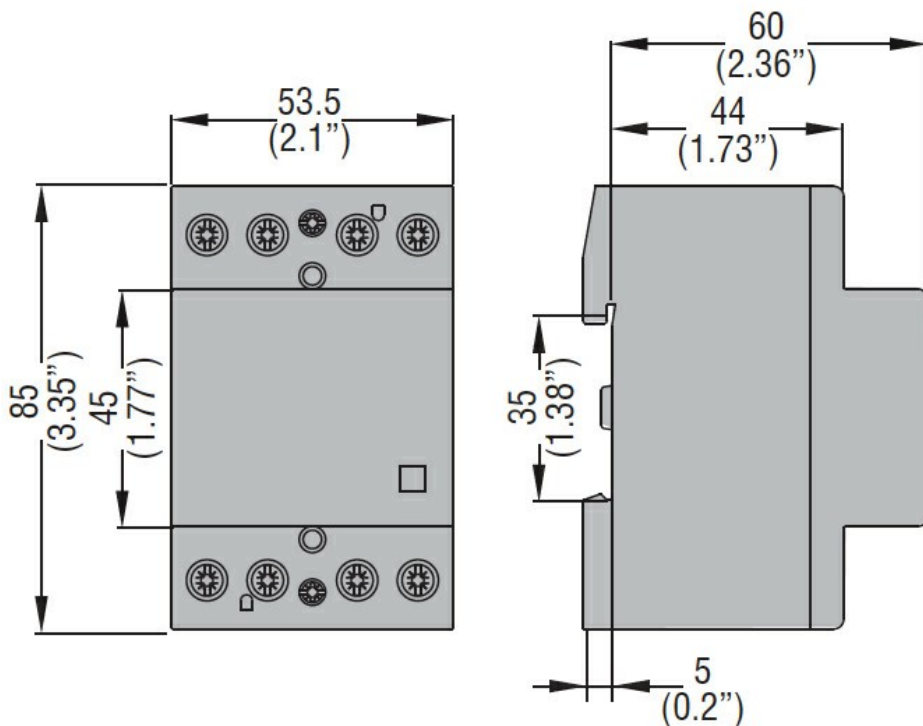


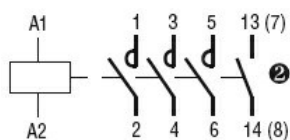


Product designation	MODULAR CONTACTOR		
Product type designation	CN		
Operating voltage type	AC/DC		
Number of poles	4		
Number of DIN modules	3		
Electrical features			
IEC Conventional free air thermal current I _{th}	A	63	
Operational current AC1 and AC-7a ≤400V	A	63	
Operational current AC3 and AC-7b ≤400V	A	30	
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	8	
Control circuit			
Auxiliary rated supply voltage U _s		220VAC/VDC	
Auxiliary contacts	NO	Nr.	4
Average coil consumption ≤20°C	in-rush	W	5
	holding	W	5
Operating voltage	pick-up	min	%U _s 85
		max	%U _s 110
	drop-out	min	%U _s 20
		max	%U _s 75
Average time	Closing NO	min	ms 15
		max	ms 20
	Opening NO	min	ms 35
		max	ms 45
Operations			
Mechanical life	cycles	300000	
Electrical life AC3	cycles	150000	
Electrical life AC1	cycles	100000	
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	2
	max	lbin	1.48
Conductor section			
	Coil terminal		
	min	mm ²	1
	max	mm ²	2.5
	Power terminal		
	min	mm ²	1.5
	max	mm ²	16
Terminals tool			PZ2
Weight		g	425
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