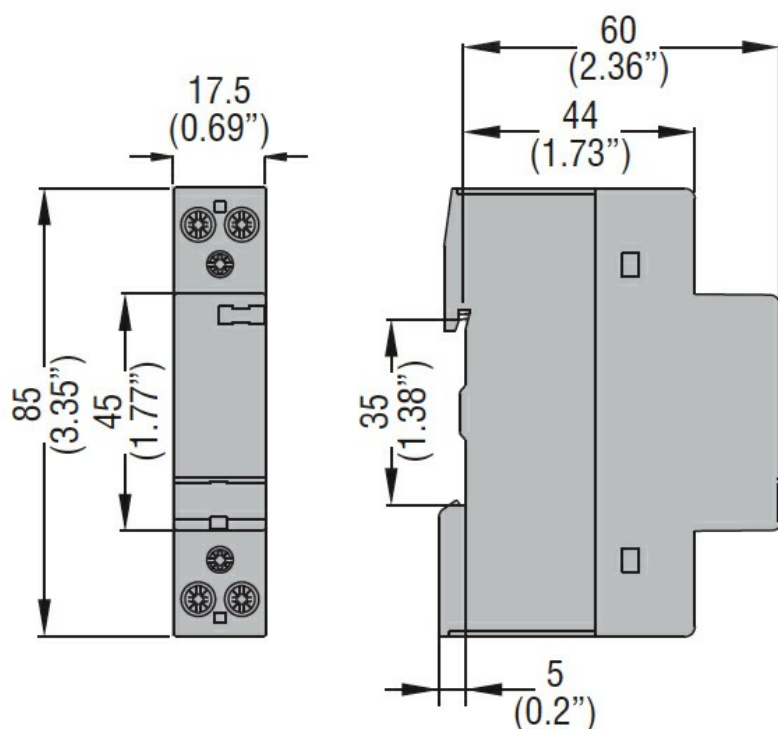




Product designation			MODULAR CONTACTOR	
Product type designation			CN	
Operating voltage type			AC/DC	
Number of poles			2	
Number of DIN modules			1	
Electrical features				
IEC Conventional free air thermal current I _{th}			A	20
Operational current AC1 and AC-7a ≤400V			A	20
Operational current AC-3 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			220VAC/VDC	
Auxiliary contacts			NC	Nr. 2
Average coil consumption ≤20°C			in-rush holding	W 2.5 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
Operations				
Mechanical life			cycles	3000000
Electrical life AC1			cycles	200000
Ambient conditions				
Operating temperature				
			min	°C -15
			max	°C 55
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				



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

EC001653 -
Installation
contactor for
distribution board