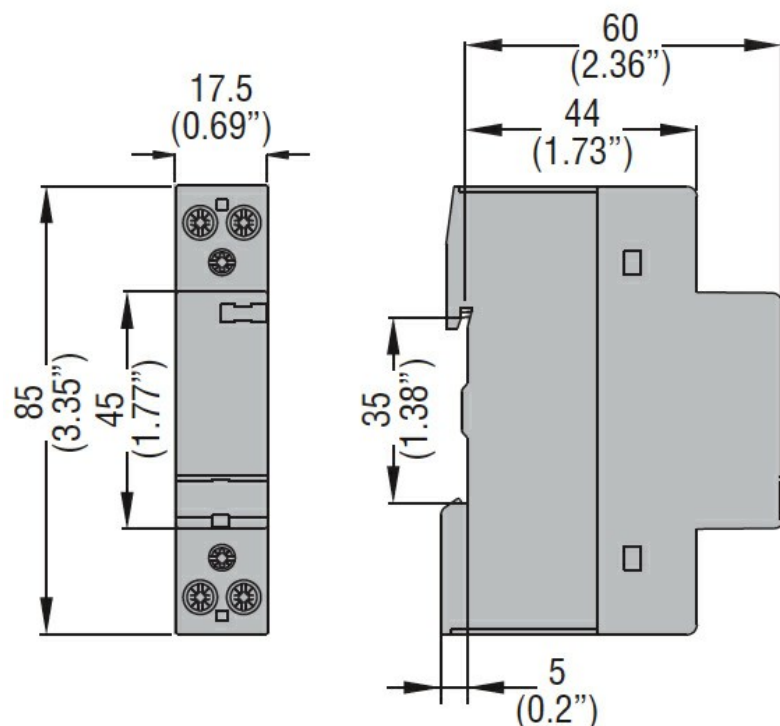


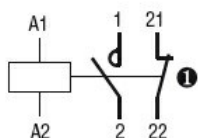


Product designation			MODULAR CONTACTOR		
Product type designation			CN		
Operating voltage type			AC/DC		
Number of poles			2		
Number of DIN modules			1		
Electrical features					
IEC Conventional free air thermal current Ith			A	20	
Operational current AC1 and AC-7a ≤400V			A	20	
Operational current AC-3 and AC-7b ≤400V			A	9	
Rated insulation voltage Ui IEC/EN			V	440	
Rated impulse withstand voltage Uimp			kV	4	
Minimum switching capacity			≥17V ≥50mA		
Power dissipation per pole (average value) Ith			W	1.7	
Control circuit					
Auxiliary rated supply voltage Us			24VAC/DC		
Auxiliary contacts			NO	Nr.	1
			NC	Nr.	1
Average coil consumption ≤20°C			in-rush	W	2.5
			holding	W	2.5
Operating voltage					
pick-up			min	%Us	85
			max	%Us	110
drop-out			min	%Us	20
			max	%Us	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	300000	
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	mm²	1
		max	mm²	2.5
	Power terminal	min	mm²	1
		max	mm²	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