



Product designation

MODULAR
CONTACTOR

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	32
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	2.5

AC/DC Control circuit

Auxiliary rated supply voltage Us	220		
Auxiliary contacts	NO	nr.	1
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	500000
Electrical life AC1	cycles	150000

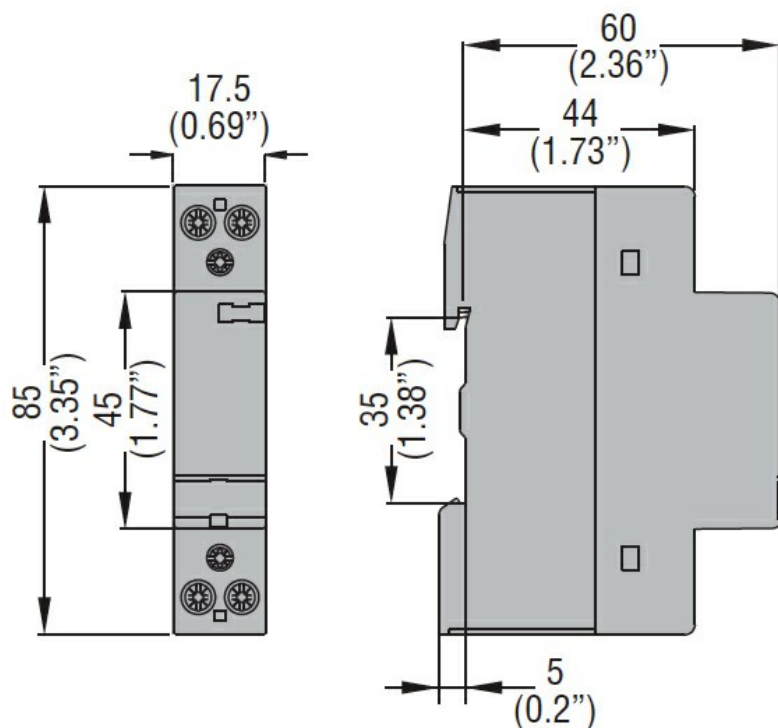
Ambient conditions

Operating temperature

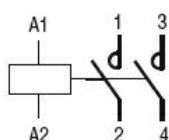
min	°C	-15
max	°C	55

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	lbft	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
Terminals IP degree			IP2X (front)
Pollution degree			3
Dimensions			



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-4-1

IEC/EN 60947-5-1

IEC/EN 60957-1

IEC/EN 61095

Certificates

EAC