



Product designation	MODULAR CONTACTOR			
Product type designation	CNM			
Operating voltage type	AC/DC			
Manual control	YES			
Number of poles	4			
Number of DIN modules	2			
Electrical features				
IEC Conventional free air thermal current I _{th}	A	32		
Operational current AC1 and AC-7a ≤400V	A	32		
Operational current AC-3 and AC-7b ≤400V	A	8.5		
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		
Control circuit				
Auxiliary rated supply voltage U _s	220VAC/VDC			
Auxiliary contacts	NO	Nr.	4	
Average coil consumption ≤20°C	in-rush	W	3	
	holding	W	3	
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
max			ms	45
Opening NO		min	ms	20
		max	ms	70
Operations				
Mechanical life		cycles	3000000	
Electrical life AC-3	cycles	500000		
Electrical life AC1	cycles	150000		
Ambient conditions				
Operating temperature	min	°C	-25	
	max	°C	+70	

Storage temperature

min	°C	-30
max	°C	80

Max altitude

m	2000
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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 260

Resistance & Protection

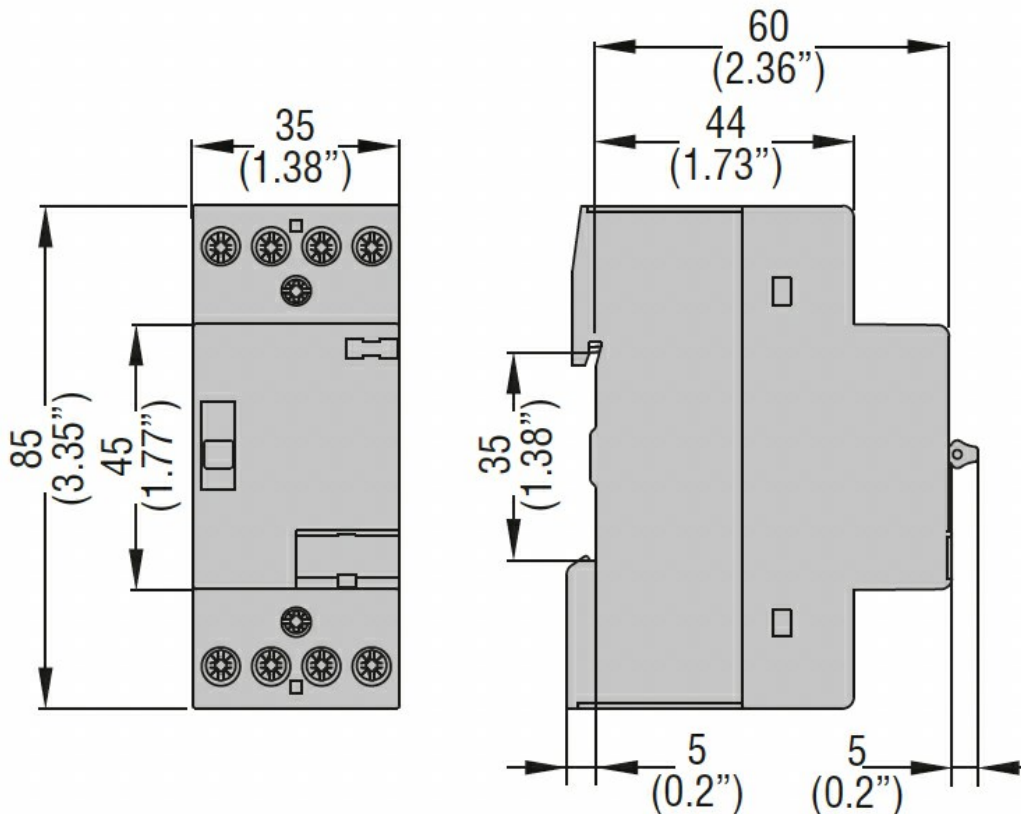
Frontal IP degree

IP20

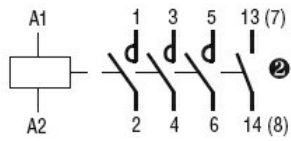
Pollution degree

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