



Product designation	LATCHING RELAY		
Product type designation	CNB		
Operating voltage type	AC		
Manual control	YES		
Number of poles	4		
Number of DIN modules	2		
<b>Electrical features</b>			
IEC Conventional free air thermal current I <sub>th</sub>	A	32	
Rated insulation voltage U <sub>i</sub> IEC/EN	V	440	
Rated impulse withstand voltage U <sub>imp</sub>	kV	4	
Minimum switching capacity	≥10V ≥100mA		
Power dissipation per pole (average value) I <sub>th</sub>	W	2.5	
<b>Control circuit</b>			
Auxiliary rated supply voltage U <sub>s</sub>	12VAC		
Auxiliary contacts	NO	Nr.	4
Average coil consumption ≤20°C	in-rush	W	18/13
Operating voltage	pick-up		
	min	%U <sub>s</sub>	85
	max	%U <sub>s</sub>	110
<b>Operating times</b>			
Average time	Closing NO		
	min	ms	5
	max	ms	20
	Opening NO		
	min	ms	5
	max	ms	20
<b>Operations</b>			
Mechanical life	cycles	3000000	
Electrical life AC-3	cycles	500000	
Electrical life AC1	cycles	150000	
<b>Ambient conditions</b>			
Operating temperature	min	°C	-5
	max	°C	55
Storage temperature	min	°C	-30
	max	°C	80
Max altitude	m	2000	
<b>Mechanical features</b>			
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 <sup>2</sup>	1
max	mm <sup>2</sup>	2.5

Power terminal

min	mm <sup>2</sup>	1
max	mm <sup>2</sup>	10

Terminals tool

PZ2

Weight

g 260

**Resistance & Protection**

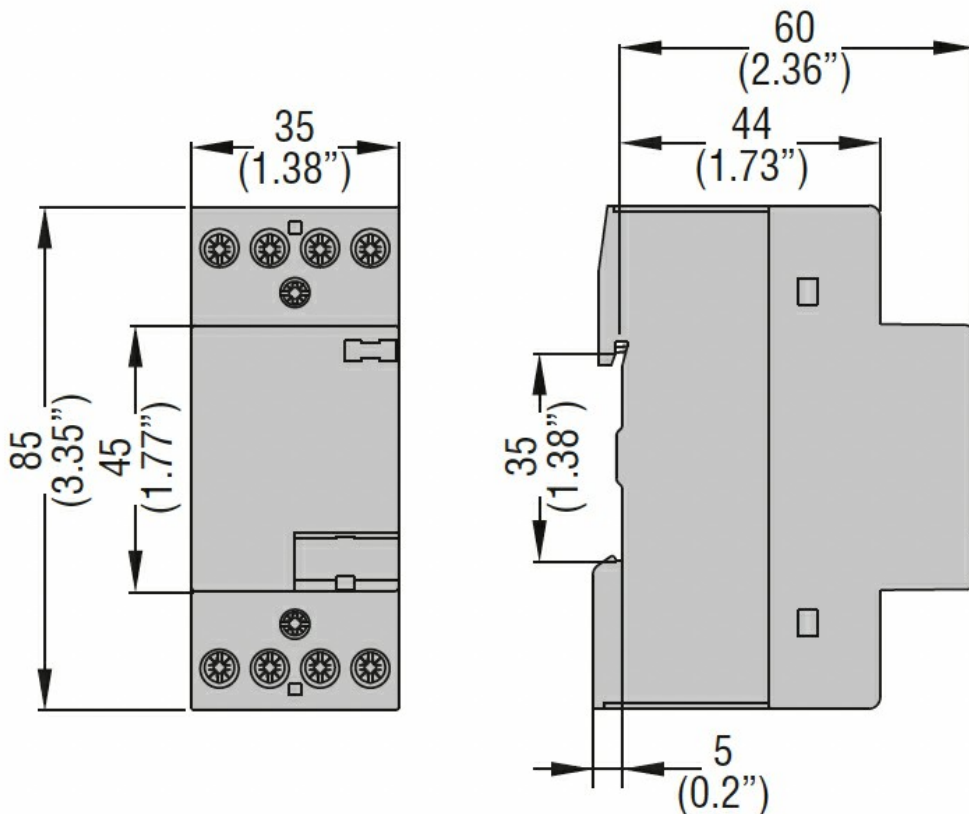
Frontal IP degree

IP20

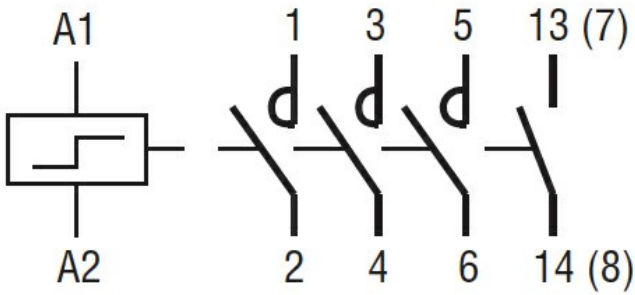
Pollution degree

3

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Compliance

- IEC/EN/BS 60669-1
- IEC/EN/BS 60669-2-2
- IEC/EN/BS 60947-1
- IEC/EN/BS 60947-4-1
- IEC/EN/BS 60947-5-1
- IEC/EN/BS 61095

Certificates

EAC

**ETIM classification**

ETIM 8.0

EC000066 -  
 Power contactor,  
 AC switching