



Product designation				MODULAR CONTACTOR
Product type designation				CN
Operating voltage type				AC/DC
Number of poles				2
Number of DIN modules				1
<b>Electrical features</b>				
IEC Conventional free air thermal current I <sub>th</sub>	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 <sub>i</sub> IEC/EN	V			440
Rated impulse withstand voltage U <sub>imp</sub>	kV			4
Minimum switching capacity			≥17V ≥50mA	
Power dissipation per pole (average value) I <sub>th</sub>	W			1.7
<b>Control circuit</b>				
Auxiliary rated supply voltage U <sub>s</sub>				24VAC/DC
Auxiliary contacts	NC	Nr.	2	
Average coil consumption ≤20°C	in-rush	W	2.5	
	holding	W	2.5	
Operating voltage	pick-up	min	%U <sub>s</sub>	85
		max	%U <sub>s</sub>	110
	drop-out	min	%U <sub>s</sub>	20
		max	%U <sub>s</sub>	75
<b>Operating times</b>				
Average time	Closing NO	min	ms	15
<b>Operations</b>				
Mechanical life				cycles 300000
Electrical life AC1				cycles 200000
<b>Ambient conditions</b>				
Operating temperature	min	°C	-15	
	max	°C	55	
Storage temperature	min	°C	-40	
	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 135

**Resistance & Protection**

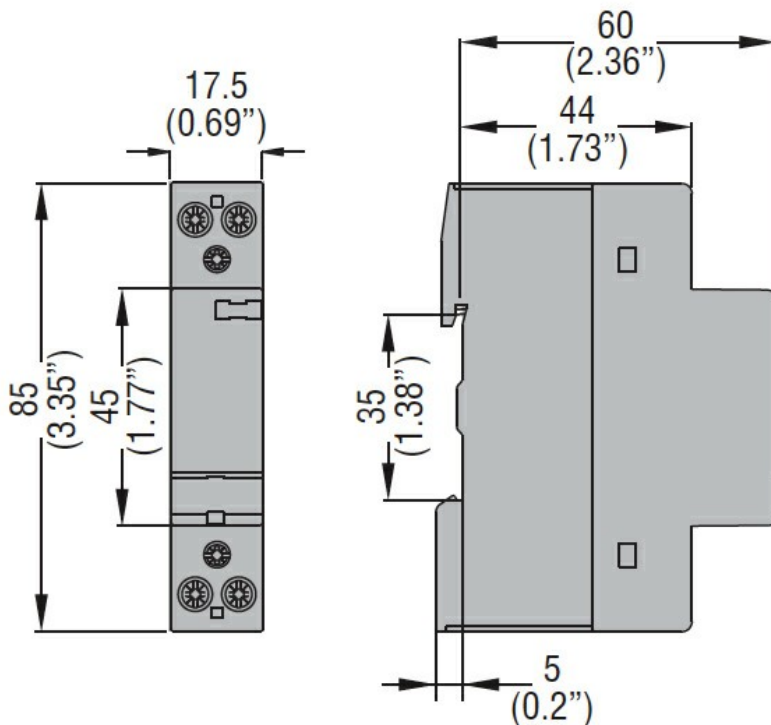
Frontal IP degree

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