



MODULAR  
CONTACTOR  
CN  
AC/DC  
4  
3

Product designation

Product type designation

Operating voltage type

Number of poles

Number of DIN modules

**Electrical features**

IEC Conventional free air thermal current I <sub>th</sub>	A	63
Operational current AC1 and AC-7a ≤400V	A	63
Operational current AC3 and AC-7b ≤400V	A	30
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	8

**Control circuit**

Auxiliary rated supply voltage U <sub>s</sub>		24VAC/DC
Auxiliary contacts	NO	Nr. 3
	NC	Nr. 1
Average coil consumption ≤20°C	in-rush	W 5
	holding	W 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

**Operating times**

Average time

Closing NO

min	ms	15
max	ms	20

Opening NO

min	ms	35
max	ms	45

**Operations**

Mechanical life	cycles	3000000
Electrical life AC3	cycles	150000
Electrical life AC1	cycles	100000

**Ambient conditions**

Operating temperature

min	°C	-15
max	°C	55

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	2
max	lbin	1.48

Conductor section

Coil terminal

min	mm <sup>2</sup>	1
max	mm <sup>2</sup>	2.5

Power terminal

min	mm <sup>2</sup>	1.5
max	mm <sup>2</sup>	16

Terminals tool

PZ2

Weight

g 425

Resistance & Protection

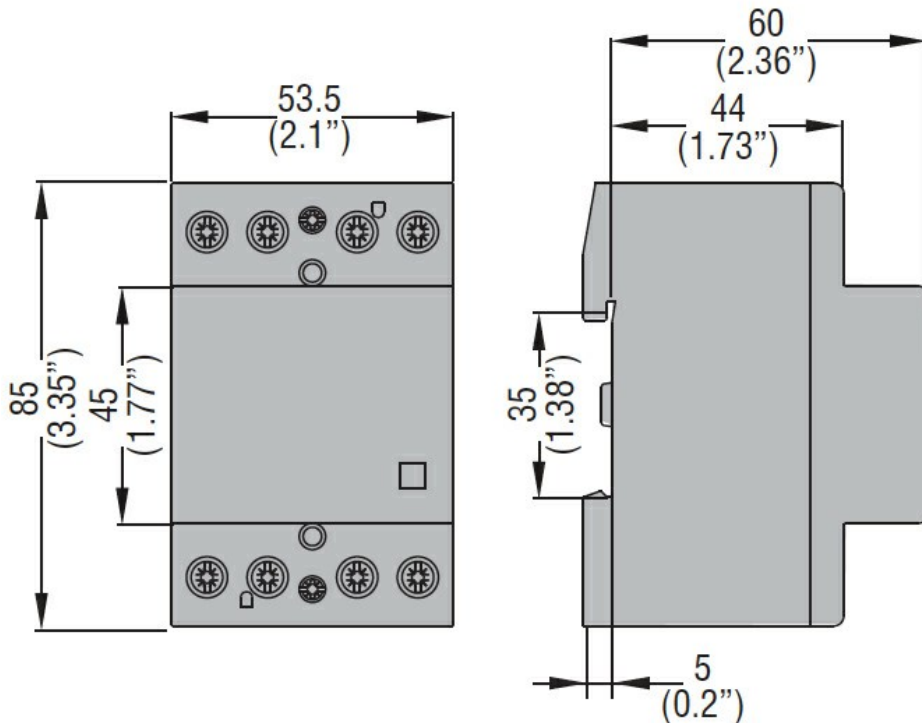
Frontal IP degree

IP20

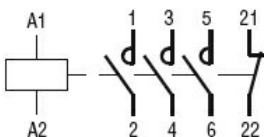
Pollution degree

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