



MODULAR
CONTACTOR
CN
AC/DC
4
2

Product designation

Product type designation

Operating voltage type

Number of poles

Number of DIN modules

Electrical features

IEC Conventional free air thermal current I _{th}	A	25
Operational current AC1 and AC-7a ≤400V	A	25
Operational current AC3 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

Control circuit

Auxiliary rated supply voltage U _s		24VAC/DC
Auxiliary contacts	NO	Nr. 3
	NC	Nr. 1
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	15
max	ms	45

Opening NO

min	ms	20
max	ms	70

Operations

Mechanical life cycles 3000000

Electrical life AC3 cycles 500000

Electrical life AC1 cycles 200000

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	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

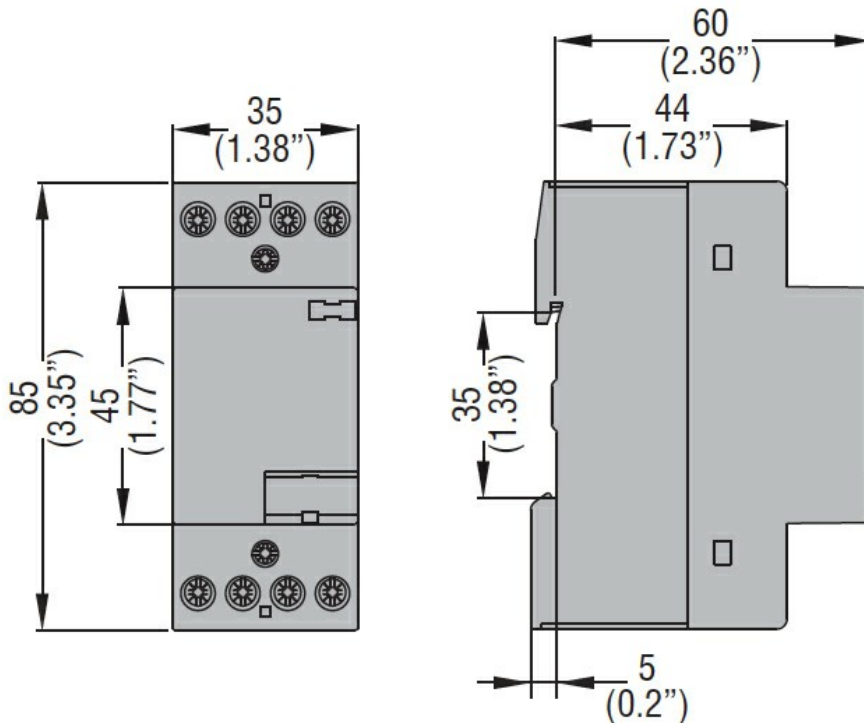
Frontal IP degree

IP20

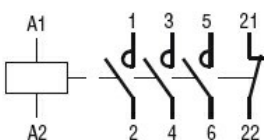
Pollution degree

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