



Electrical features

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	32
Operational current AC1 and AC-7a $\leq 400\text{V}$	A	32
Operational current AC-3 and AC-7b $\leq 400\text{V}$	A	9
Rated insulation voltage U_i IEC/EN	V	440
Rated impulse withstand voltage U_{imp}	kV	4
Minimum switching capacity		$\geq 17\text{V} \geq 50\text{mA}$
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.	1
	NC	Nr.	1
Average coil consumption $\leq 20^\circ\text{C}$	in-rush	W	2.5
	holding	W	2.5

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	25
		max	ms	50

Operations

Mechanical life	cycles	3000000
Electrical life AC-3	cycles	500000
Electrical life AC1	cycles	150000

Ambient conditions

Operating temperature	min	$^\circ\text{C}$	-15
	max	$^\circ\text{C}$	55
Storage temperature	min	$^\circ\text{C}$	-30
	max	$^\circ\text{C}$	80
Max altitude	m	2000	

Mechanical features

Fixing	DIN rail 35mm
--------	---------------

Tightening torque for coil terminal

max	Nm	0.6
max	Ibin	0.6

Tightening torque for terminals

max	Nm	1.2
max	Ibin	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 135

Resistance & Protection

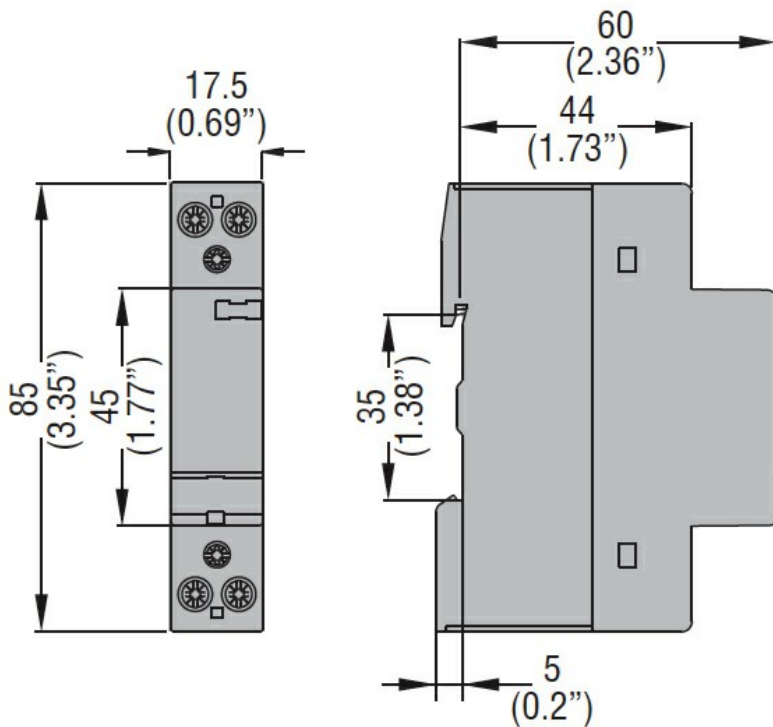
Frontal IP degree

IP20

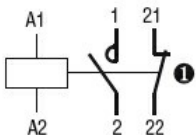
Pollution degree

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