



Electrical features

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	20
Operational current AC1 and AC-7a $\leq 400\text{V}$	A	20
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	1.7

Control circuit

Auxiliary rated supply voltage U_s				24VAC/DC
Auxiliary contacts				
	NC	Nr.		2
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

Operations

Mechanical life		cycles		3000000
Electrical life AC1		cycles		200000

Ambient conditions

Operating temperature				
	min	$^{\circ}\text{C}$		-15
	max	$^{\circ}\text{C}$		55
Storage temperature				
	min	$^{\circ}\text{C}$		-40
	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	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 135

Resistance & Protection

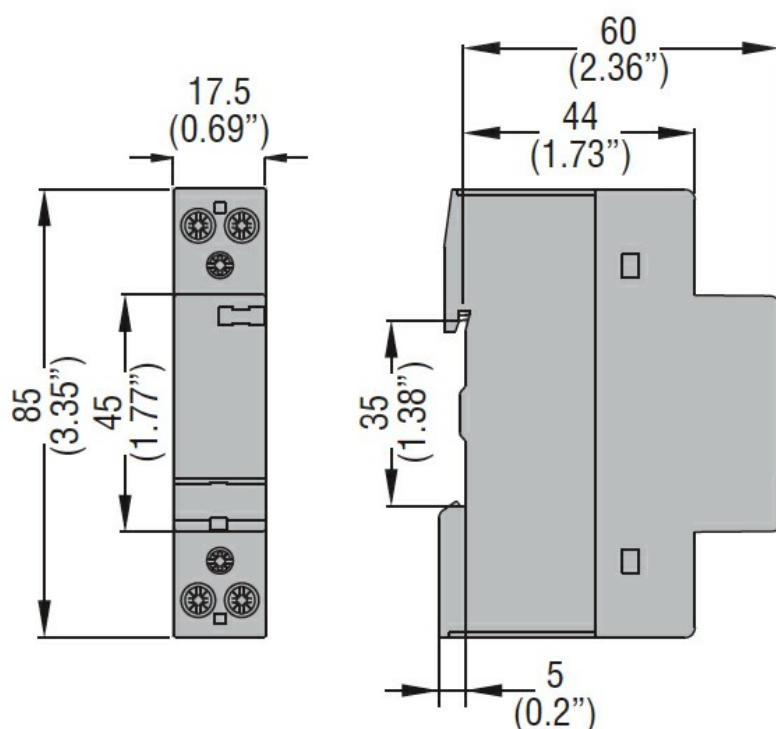
Frontal IP degree

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