



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 <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**

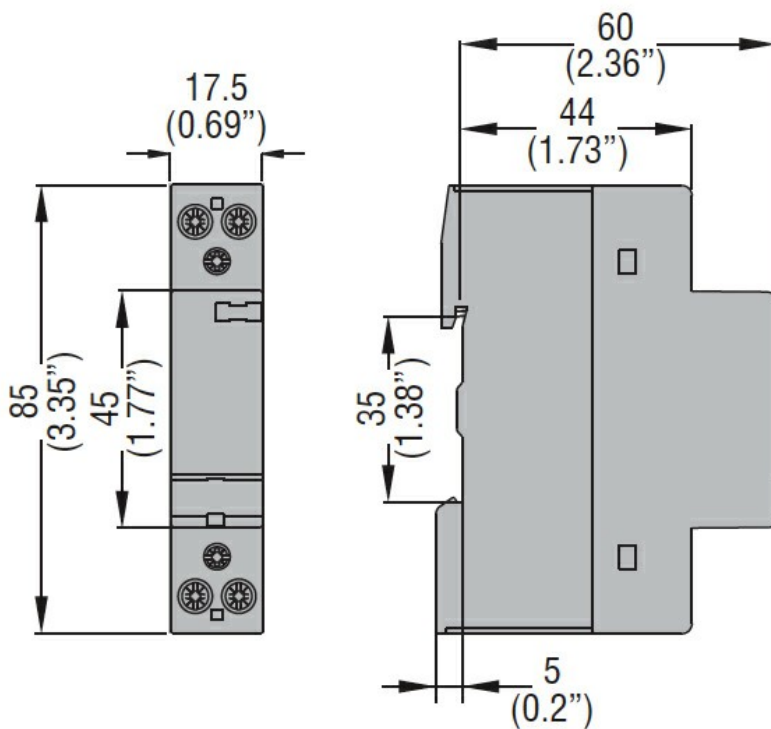
Frontal IP degree

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