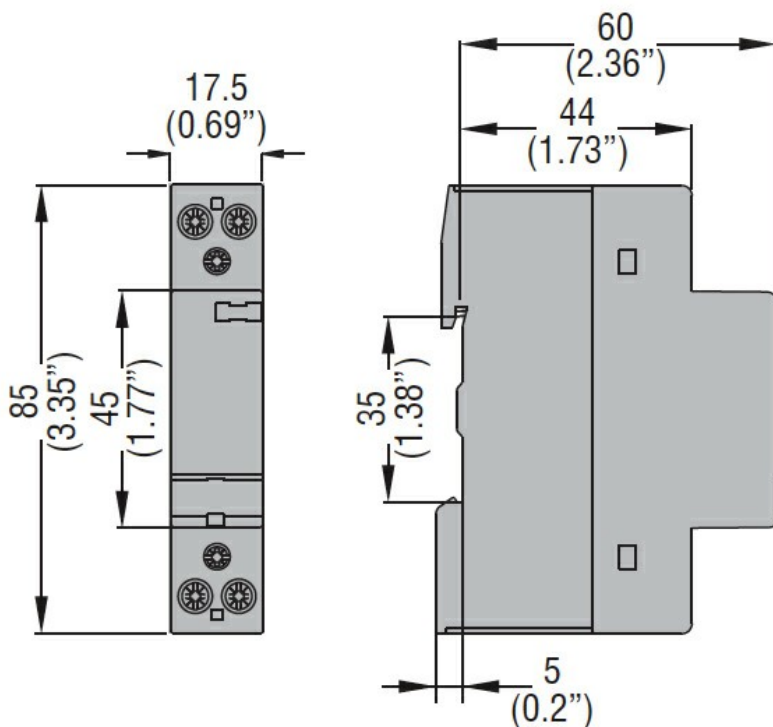


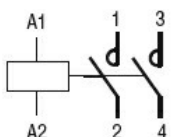


Product designation				MODULAR CONTACTOR
Product type designation				CN
Operating voltage type				AC/DC
Number of poles				2
Number of DIN modules				1
Electrical features				
IEC Conventional free air thermal current I _{th}	A			20
Operational current AC1 and AC-7a ≤400V	A			20
Operational current AC-3 and AC-7b ≤400V	A			9
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			1.7
Control circuit				
Auxiliary rated supply voltage U _s				220VAC/VDC
Auxiliary contacts				
	NO	Nr.		2
Average coil consumption ≤20°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	300000
Electrical life AC1			cycles	200000
Ambient conditions				
Operating temperature				
		min	°C	-25
		max	°C	+70
Storage temperature				

	min	°C	-40
	max	°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			



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