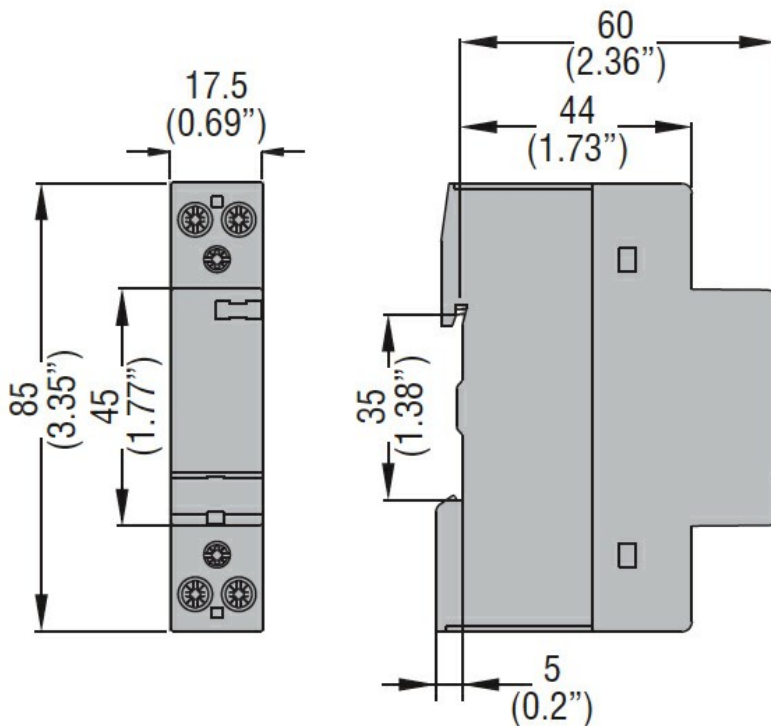




Product designation				MODULAR CONTACTOR
Product type designation				CN
Operating voltage type				AC/DC
Number of poles				2
Number of DIN modules				1
Electrical features				
IEC Conventional free air thermal current I _{th}	A			20
Operational current AC1 and AC-7a ≤400V	A			20
Operational current AC-3 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	NC	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	25
Operations				
Mechanical life			cycles	3000000
Electrical life AC1			cycles	200000
Ambient conditions				
Operating temperature	min	°C	-15	
	max	°C	55	
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		



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