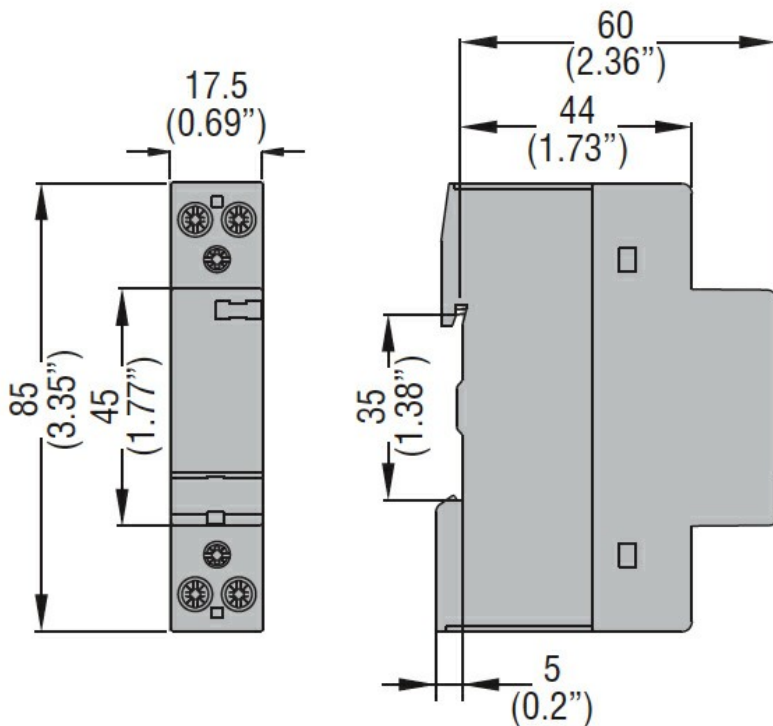




Product designation	MODULAR CONTACTOR		
Product type designation	CN		
Operating voltage type	AC/DC		
Number of poles	2		
Number of DIN modules	1		
<b>Electrical features</b>			
IEC Conventional free air thermal current I <sub>th</sub>	A	20	
Operational current AC1 and AC-7a ≤400V	A	20	
Operational current AC-3 and AC-7b ≤400V	A	9	
Rated insulation voltage U <sub>i</sub> IEC/EN	V	440	
Rated impulse withstand voltage U <sub>imp</sub>	kV	4	
Minimum switching capacity		≥17V ≥50mA	
Power dissipation per pole (average value) I <sub>th</sub>	W	1.7	
<b>Control circuit</b>			
Auxiliary rated supply voltage U <sub>s</sub>		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 <sub>s</sub>	85
	max	%U <sub>s</sub>	110
drop-out	min	%U <sub>s</sub>	20
	max	%U <sub>s</sub>	75
<b>Operating times</b>			
Average time			
Closing NO	min	ms	15
	max	ms	45
Opening NO	min	ms	25
<b>Operations</b>			
Mechanical life		cycles	3000000
Electrical life AC1		cycles	200000
<b>Ambient conditions</b>			
Operating temperature	min	°C	-15
	max	°C	55
Storage temperature	min	°C	-40
	max	°C	80

Max altitude	m	2000
<b>Mechanical features</b>		
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
<b>Resistance &amp; Protection</b>		
Frontal IP degree		IP20
Pollution degree		3
<b>Dimensions</b>		



<b>Certifications and compliance</b>	
Compliance	IEC/EN 60947-1
	IEC/EN 60947-4-1
	IEC/EN 60947-5-1
	IEC/EN 61095
Certificates	EAC
<b>ETIM classification</b>	

ETIM 8.0

EC001653 -  
Installation  
contactor for  
distribution board