

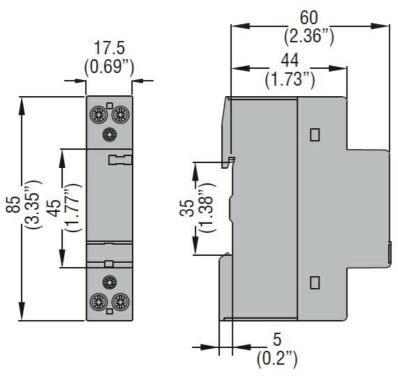


				5,6
Product designation	n			MODULAR
_			CONTACTOR	
Product type design				CN
Operating voltage t	ype			AC/DC
Number of poles				2
Number of DIN mo	dules			1
Electrical features				
	ree air thermal current Ith		Α	20
•	: AC1 and AC-7a ≤400V		Α	20
Operational current	AC-3 and AC-7b ≤400V		Α	9
Rated insulation vo	Itage Ui IEC/EN		V	440
Rated impulse with	stand voltage Uimp		kV	4
Minimum switching	capacity			≥17V ≥50mA
Power dissipation p	per pole (average value) Ith		W	1.7
Control circuit				
Auxiliary rated supp	oly voltage Us			24VAC/DC
Auxiliary contacts	-			
•		NO	Nr.	2
Average coil consu	mption ≤20°C			
3		in-rush	W	2.5
		holding	W	2.5
Operating voltage		9		
operaning remage	pick-up			
	plon up	min	%Us	85
		max	%Us	110
	drop-out	max	7000	110
	drop out	min	%Us	20
		max	%Us	75
Operating times		IIIdA	/003	7.5
Average time				
Average lime	Closing NO			
	Closing NO	min	ms	15
				45
	Opening NO	max	ms	43
	Opening NO	, <u></u>	ma	25
		min	ms	25
Operations		max	ms	50
Operations Machanical life			a e. l = =	2000000
Mechanical life			cycles	3000000
Electrical life AC-3 Electrical life AC1			cycles	300000
⊢loctrical life AC1			cycles	200000
Ambient conditions				
Ambient conditions Operating temperat				
Ambient conditions		min	°C °C	-25 +70



ENERGY	ANDA	UTOMA"	TION
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	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	Ibin	0.6
Tightening torque for terminals			
	max	Nm	1.2
	max	lbin	0.9
Conductor section			
Coil terminal			
	min	mm²	1
	max	mm²	2.5
Power terminal			
	min	mm²	1
	max	mm²	10
Terminals tool			PZ2
Weight		g	135
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3
Dimensions			



Wiring diagrams



Certifications and compliance





CONTACTEURS MODULAIRES 1M 20A AC1 24VAC/DC 2NO

ENERGY AND AUTOMATION

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