

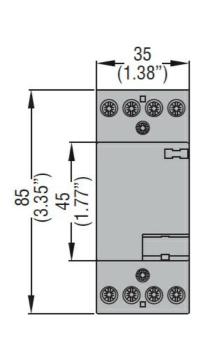


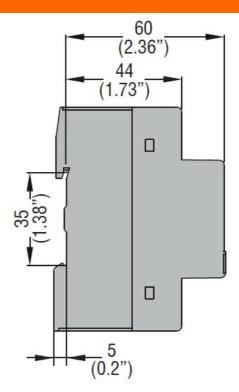
EC Conventional free air thermal current Ith					0000
Product type designation	Product designation				
Operating voltage type AC/DC Number of poles 4 Number of poles 2 Electrical features V IEC Conventional free air thermal current Ith A 25 Operational current AC1 and AC-7a ≤400V A 8.5 Rated insulation voltage Uir IEC/EN V 440 Rated insulation voltage Uir IEC/EN V 440 Rated insulation voltage Uir IEC/EN W 2 Power dissipation per pole (average value) Ith W 2 Control circuit V 44VAC/DC Auxiliary rated supply voltage Us N 4 Average coil consumption ≤20°C N N 4 Average coil consumption ≤20°C N N 3 Apperating voltage N N 3 Apperating voltage N N 3 Average coil consumption ≤20°C N N 85 Image: Apperating voltage N N 3 Operating times N N 3 O	<u> </u>				
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Operational current AC1 and AC-7a ≤400V A 25 Operational current AC-3 and AC-7b ≤400V A 8.5 Rated insulation voltage UI IEC/EN V 440 Rated impulse withstand voltage Uimp kV 4 Minimum switching capacity ≥ 17V ≥50mA Power dissipation per pole (average value) Ith W 2 Control circuit W 2 Auxiliary rated supply voltage US NO Nr. 4 Average coil consumption ≤20°C In-rush voltage W 3 holding W 3 Operating voltage min rush voltage W 85 max voltage W 110 Grop-out min voltage W 85 max voltage W 110 Operating times Average time Voltage W 20 max voltage W Closing NO min ms voltage W 15 max voltage W 15 max voltage W Operating times Closing NO Voltage W 20 max voltage W	IEC Conventional free air th	ermal current Ith		Α	25
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Rated impulse withstand voltage Uimp kV 4 Minimum switching capacity ≥17V ≥50mA Power dissipation per pole (average value) Ith W 2 Control circuit Auxiliary rated supply voltage Us NO Nr. 4 Average coil consumption ≤20°C in-rush holding W 3 Average coil consumption ≤20°C min-rush holding W 3 Operating voltage pick-up min wull so so max wull so so so wull so so max wull so so so wull so					
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NO Nr. 4					
Average coil consumption ≤20°C in-rush W 3 3	,,		NO	Nr.	4
In-rush holding W 3 3 3 3 3 3 3 3 3	Average coil consumption s	20°C			
Nolding W 3 3	3		in-rush	W	3
Operating voltage pick-up min %Us 85 max %Us 110 drop-out min %Us 20 max %Us 75 Operating times Average time Closing NO min ms 15 max ms 45 Opening NO min ms 20 max ms 70 Operations min ms 70 Mechanical life cycles 3000000 Electrical life AC-3 cycles 500000 Electrical life AC1 cycles 200000 Ambient conditions min °C -25 max °C +70					
Pick-up	Operating voltage				
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drop-out min max %Us vols 20 max Operating times Vols 75 Average time Closing NO min ms vols 15 max vols Opening NO min ms vols 20 max vols 70 Operations max vols 3000000 Electrical life AC-3 cycles vols 500000 Electrical life AC1 cycles vols 200000 Ambient conditions min vols -25 max vols -25 max vols	·	·	min	%Us	85
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Min Wus 20 max Wus 75	dro	p-out			
Operating times Average time Closing NO min ms 15 max ms 45 Opening NO min ms 20 max ms 70 Operations Cycles 3000000 Mechanical life cycles 500000 Electrical life AC-3 cycles 200000 Electrical life AC1 cycles 200000 Ambient conditions Operating temperature Min °C -25 max °C +70		'	min	%Us	20
Average time Closing NO			max	%Us	75
Closing NO	Operating times				
min ms 15 max ms 45	Average time				
Max ms 45	Clo	sing NO			
Opening NO			min	ms	15
Mechanical life cycles 3000000 Electrical life AC-3 cycles 500000 Electrical life AC1 cycles 200000 Ambient conditions cycles 200000 Operating temperature min °C -25 max °C +70			max	ms	45
Operations max ms 70 Mechanical life cycles 3000000 Electrical life AC-3 cycles 500000 Electrical life AC1 cycles 200000 Ambient conditions min °C -25 Operating temperature max °C +70	Ope	ening NO			
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Mechanical life cycles 3000000 Electrical life AC-3 cycles 500000 Electrical life AC1 cycles 200000 Ambient conditions Operating temperature min °C -25 max °C +70			max	ms	70
Electrical life AC-3 cycles 500000 Electrical life AC1 cycles 200000 Ambient conditions Operating temperature min °C -25 max °C +70	Operations				
Electrical life AC1 cycles 200000 Ambient conditions Operating temperature min °C -25 max °C +70	Mechanical life			cycles	3000000
Ambient conditions Operating temperature min °C -25 max °C +70	Electrical life AC-3			cycles	500000
Operating temperature min °C -25 max °C +70	Electrical life AC1			cycles	200000
min °C -25 max °C +70	Ambient conditions				
max °C +70	Operating temperature				
			min	°C	-25
Storage temperature			max	°C	+70
	Storage temperature				



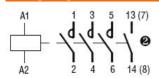
ENERGY	AND A	LITOMA	MOLT

	min	°C	-30
	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	mm²	1
	max	mm²	2.5
Power terminal			
	min	mm²	1
	max	mm²	10
Terminals tool			PZ2
Weight		g	260
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3
Dimensions			





Wiring diagrams



Certifications and compliance

Compliance





CONTACTEURS MODULAIRES 2M 25A AC1 24VAC/DC 3NO+1NC

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