

ENERGY AND AUTOMATION

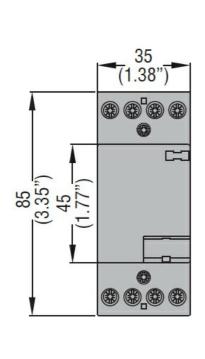


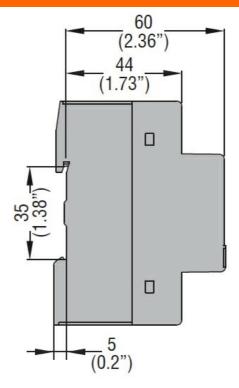
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Product designation			MODULAR CONTACTOR
Product type designation			CN
Operating voltage type			AC/DC
Number of poles			4
Number of DIN modules			2
Electrical features			
IEC Conventional free air thermal current Ith		A	25
Operational current AC1 and AC-7a ≤400V		Α	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			
Auxiliary rated supply voltage Us			220VAC/VDC
Auxiliary contacts			
	NO	Nr.	2
	NC	Nr.	2
Average coil consumption ≤20°C			
	in-rush	W	3
	holding	W	3
Operating voltage			
pick-up	_		
	min	%Us	85
 	max	%Us	110
drop-out		0/11	00
	min	%Us	20
Operating times	max	%Us	75
Operating times			
Average time			
Closing NO			4.5
	min	ms	15 45
Ongoing NO	max	ms	45
Opening NO	min	 0	20
	min	ms	20 70
Operations	max	ms	70
Mechanical life		cyclos	3000000
Electrical life AC-3		cycles	500000
Electrical life AC1		cycles	200000
Ambient conditions		cycles	200000
Operating temperature	min	°C	-15
	max	°C	-15 55
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ENERGY AND AUTOMATION

MODULAR CONTACTOR, THREE-POLE OR FOUR-POLE, 25A AC1, 220...230VAC (2NO+2NC)

Storage temperature				
		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	Ibin	0.6
Tightening torque for terminals				
		max	Nm	1.2
		max	Ibin	0.9
Conductor section				
Coil termi	nal			
		min	mm²	1
		max	mm²	2.5
Power ter	minal			
		min	mm²	1
		max	mm²	10
Terminals tool				PZ2
Weight			g	260
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





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EAC