

Product designation Product type designation Operating voltage type Number of poles			MODULAR CONTACTOR CN AC/DC 2
Number of DIN modules			1
Electrical features			
IEC Conventional free air thermal current Ith		A	20
Operational current AC1 and AC-7a ≤400V		<u>A</u>	20
Operational current AC-3 and AC-7b ≤400V		A V	9
Rated insulation voltage Ui IEC/EN		kV	440
Rated impulse withstand voltage Uimp		KV	 ≥17V ≥50mA
Minimum switching capacity		W	1.7
Power dissipation per pole (average value) Ith Control circuit		VV	1.7
Auxiliary rated supply voltage Us			220VAC/VDC
Auxiliary contacts			220040/000
Advinary contacts	NO	Nr.	2
Average coil consumption ≤20°C			£
········	in-rush holding	W W	2.5 2.5
Operating voltage			
pick-up			
	min	%Us	85
	max	%Us	110
drop-out			
	min	%Us	20
Operating times	max	%Us	75
Operating times Average time			
Closing NO			
Closing NO	min	ms	15
	max	ms	45
Opening NO	Пах		
- F	min	ms	25
	max	ms	50
Operations			
Mechanical life		cycles	3000000
Electrical life AC-3		cycles	300000
Electrical life AC1		cycles	200000
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			

Storage temperature

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MODULAR CONTACTOR, ONE OR TWO-POLE, 20A AC1, 220...230VAC (2NO)

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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	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	135
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3

Wiring diagrams

Dimensions



Certifications and compliance

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



Compliance

	IEC/EN 60947-1	
	IEC/EN 60947-4-1	
	IEC/EN 60947-5-1	
	IEC/EN 61095	
Certificates		
	EAC	
ETIM classification		
		EC000066 -
ETIM 8.0		Power contactor,
		AC switching

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