

Product designation Product type designation Operating voltage type Number of poles Number of DIN modules			MODULAR CONTACTOR CN AC/DC 2 1
Electrical features IEC Conventional free air thermal current Ith		A	32
Operational current AC1 and AC-7a ≤400V		A	32
Operational current AC-3 and AC-7b ≤400V		A	9
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	2.5
Control circuit			
Auxiliary rated supply voltage Us			24VAC/DC
Auxiliary contacts			
	NO	Nr.	2
Average coil consumption ≤20°C	in-rush	W	2.5
	holding	W	2.5
Operating voltage pick-up			
	min	%Us	85
	max	%Us	110
drop-out		0/11-	00
	min	%Us %Us	20 75
Operating times	max	%05	75
Average time			
Closing NO			
	min	ms	15
	max	ms	45
Opening NO			
	min	ms	25
	max	ms	50
Operations			
Mechanical life		cycles	300000
Electrical life AC-3		cycles	500000
Electrical life AC1		cycles	150000
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			

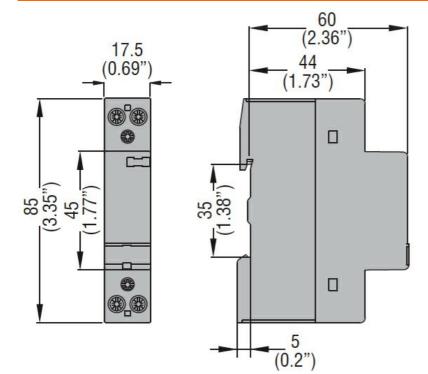
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



CN3220024 INSTALAČNÍ STYKAČE, JEDNOPÓLOVÉ NEBO DVOUPÓLOVÉ, 32A AC1, 24VAC/DC (2Z)

	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	135
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3
Dimensions			



Wiring diagrams



Certifications and compliance

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Compliance

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