

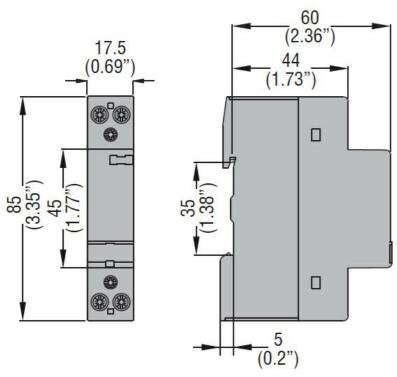


		A A A V kV	MODULAR CONTACTOR CN AC/DC 2 1
Product type designation Operating voltage type Number of poles Number of DIN modules  Electrical features IEC Conventional free air thermal current Ith Operational current AC1 and AC-7a ≤400V Operational current AC-3 and AC-7b ≤400V Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Minimum switching capacity Power dissipation per pole (average value) Ith Control circuit Auxiliary rated supply voltage Us Auxiliary contacts  Average coil consumption ≤20°C  in- ho Operating voltage		A A V	CN AC/DC 2 1 32 32 32 9 440
Operating voltage type Number of poles Number of DIN modules  Electrical features  IEC Conventional free air thermal current Ith  Operational current AC1 and AC-7a ≤400V  Operational current AC-3 and AC-7b ≤400V  Rated insulation voltage Ui IEC/EN  Rated impulse withstand voltage Uimp  Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  in- ho  Operating voltage  pick-up		A A V	AC/DC 2 1 32 32 9 440
Number of poles Number of DIN modules  Electrical features  IEC Conventional free air thermal current Ith  Operational current AC1 and AC-7a ≤400V  Operational current AC-3 and AC-7b ≤400V  Rated insulation voltage Ui IEC/EN  Rated impulse withstand voltage Uimp  Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage		A A V	2 1 32 32 9 440
Number of DIN modules  Electrical features  IEC Conventional free air thermal current Ith  Operational current AC1 and AC-7a ≤400V  Operational current AC-3 and AC-7b ≤400V  Rated insulation voltage Ui IEC/EN  Rated impulse withstand voltage Uimp  Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inc ho  Operating voltage		A A V	32 32 9 440
Electrical features  IEC Conventional free air thermal current Ith  Operational current AC1 and AC-7a ≤400V  Operational current AC-3 and AC-7b ≤400V  Rated insulation voltage Ui IEC/EN  Rated impulse withstand voltage Uimp  Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up		A A V	32 32 9 440
IEC Conventional free air thermal current Ith  Operational current AC1 and AC-7a ≤400V  Operational current AC-3 and AC-7b ≤400V  Rated insulation voltage Ui IEC/EN  Rated impulse withstand voltage Uimp  Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up		A A V	32 9 440
Operational current AC1 and AC-7a ≤400V Operational current AC-3 and AC-7b ≤400V Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Minimum switching capacity Power dissipation per pole (average value) Ith Control circuit Auxiliary rated supply voltage Us Auxiliary contacts  Average coil consumption ≤20°C  inho Operating voltage  pick-up		A A V	32 9 440
Operational current AC-3 and AC-7b ≤400V  Rated insulation voltage Ui IEC/EN  Rated impulse withstand voltage Uimp  Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up		A V	9 440
Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Minimum switching capacity Power dissipation per pole (average value) Ith Control circuit Auxiliary rated supply voltage Us Auxiliary contacts  Average coil consumption ≤20°C  inho Operating voltage  pick-up		V	440
Rated impulse withstand voltage Uimp  Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up			
Minimum switching capacity  Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up		kV	
Power dissipation per pole (average value) Ith  Control circuit  Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up			4
Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up			≥17V ≥50mA
Auxiliary rated supply voltage Us  Auxiliary contacts  Average coil consumption ≤20°C  inho  Operating voltage  pick-up		W	2.5
Auxiliary contacts  Average coil consumption ≤20°C  in- ho  Operating voltage  pick-up			
Average coil consumption ≤20°C  in- ho  Operating voltage  pick-up			220VAC/VDC
Operating voltage pick-up			_
Operating voltage pick-up	NO	Nr.	2
Operating voltage pick-up			
Operating voltage pick-up	rush	W	2.5
pick-up	ding	W	2.5
drop-out			
drop-out	min	%Us	85
drop-out	max	%Us	110
		0/11	22
	min	%Us	20
	max	%Us	75
Operating times			
Average time			
Closing NO			4.5
	min	ms	15
Opening NO	max	ms	45
Opening NO	min	<b></b>	0.E
	min	ms	25
Operations	max	ms	50
Mechanical life		cycles	3000000
Electrical life AC-3		cycles cycles	500000
Electrical life AC1			150000
Ambient conditions		cycles	100000
Operating temperature			
Operating temperature		°C	25
	min		-25 +70
Storage temperature	min max	$^{\circ}C$	710



**ENERGY AND AUTOMATION** 

	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





MODULAR CONTACTOR, ONE OR TWO-POLE, 32A AC1, 220...230VAC (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