



Contact characteristics

Contact configuration				3 C/O
Rated insulation voltage U_i IEC/EN	V			250
Rated impulse withstand voltage U_{imp}	kV			6
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A			10
Rated current (I_n)	A			10
Rated operating power AC-1		VA		2500
Rated operating power AC-15			230 VAC	VA 500
Single-phase motor control			230VAC	kW 1.2
Rated operating current DC-1			30V	A 10
Minimum switching load		V / mA		5 / 100
Contact impedance		m Ω		100
Contact material				Ag/Ni

Operating times

Closing	ms	<30
Opening	ms	<30

Operations

Mechanical life	cycles	5000000
Electrical life AC1	cycles	100000

Coil characteristics

Relay control voltage	V	24VDC
Average coil consumption AC at 20°C	VA	3
Average coil consumption DC at 20°C	W	1.5
Operating range		

Closing	% U_n	75...110
Opening	% U_n	10...30

Maximum cycle frequency	cycles/h	3600
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Mechanical features

Max socket terminal tightening torque	Nm	0.6
Socket screw tightening tool (cross / flat blade)		PH1 / 4.5mm

Conductor section				
	AWG/Kcmil			
		min		20
		max		14
	IEC			
		min	mm ²	0.5
		max	mm ²	2.5

Operating position		normal	Any
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Fixing	On 35mm DIN rail and with screw
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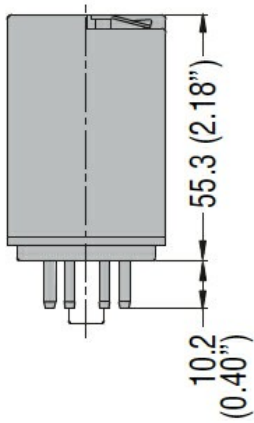
Ambient conditions

Temperature	Operating temperature	min	°C	-40
		max	°C	+55
	Storage temperature	min	°C	-40
		max	°C	+70

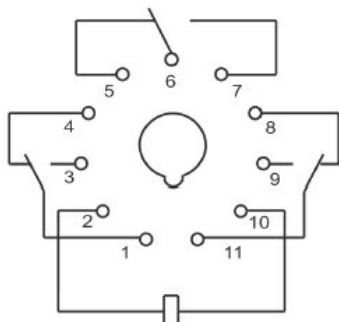
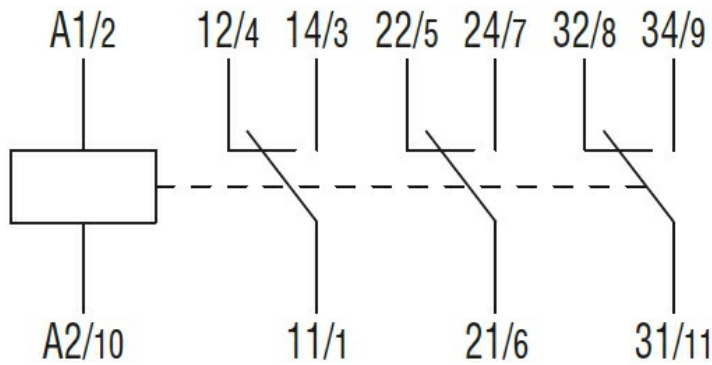
Other features

Indication	Yes
Mechanical contact position indicator	Yes
Mechanical test actuator	Yes

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

ETIM classification

ETIM 8.0

EC001437 -
Switching relay