



Contact characteristics			
Contact configuration			2 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 $\Omega$	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	110VAC
Average coil consumption AC at 20°C		VA	3
Average coil consumption DC at 20°C		W	1.5
Operating range		Closing Opening	% $U_n$ 70...110 % $U_n$ 20...55
Maximum cycle frequency		cycles/h	3600
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 max	20 14
	IEC	min max	mm <sup>2</sup> 0.5 mm <sup>2</sup> 2.5
Operating position		normal	Any

Fixing	On 35mm DIN rail and with screw
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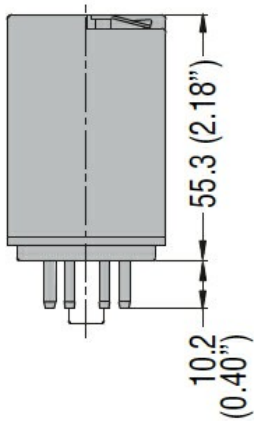
**Ambient conditions**

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

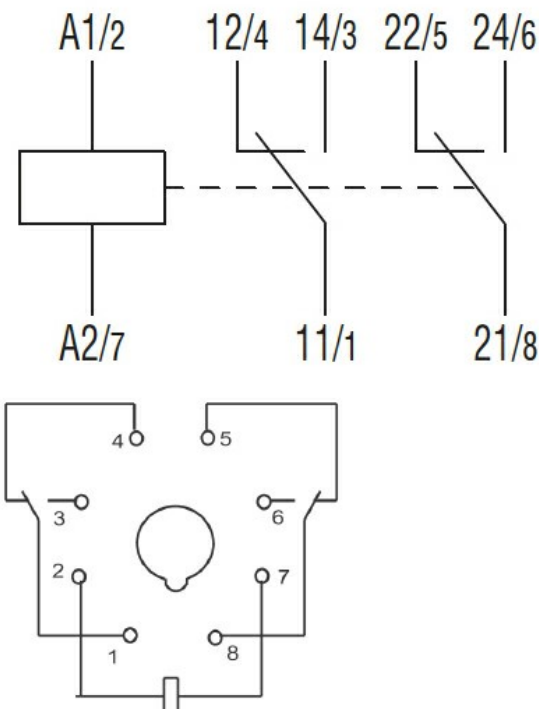
**Other features**

Indication	Yes
Mechanical contact position indicator	Yes
Mechanical test actuator	Yes

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

**Compliance**

IEC/EN 61810

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Certificates

CSA

cURus

EAC

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ETIM classification

ETIM 8.0

EC001437 -  
Switching relay