



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	
	230 VAC	VA	500	
Rated operating power AC-15				
	230VAC	kW	1.2	
Single-phase motor control				
	30V	A	10	
Rated operating current DC-1				
		V / mA	5 / 100	
Minimum switching load		m $\Omega$	100	
Contact impedance			Ag/Ni	
Contact material				
Operating times				
Closing	ms		<30	
Opening	ms		<30	
Operations				
Mechanical life	cycles		5000000	
Electrical life AC1	cycles		100000	
Coil characteristics				
Relay control voltage	V		48VDC	
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	
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 <sup>2</sup>	0.5
		max	mm <sup>2</sup>	2.5
Operating position				
	normal		Any	

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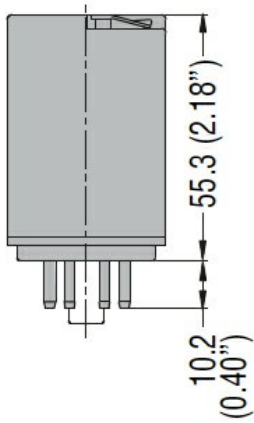
**Ambient conditions**

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

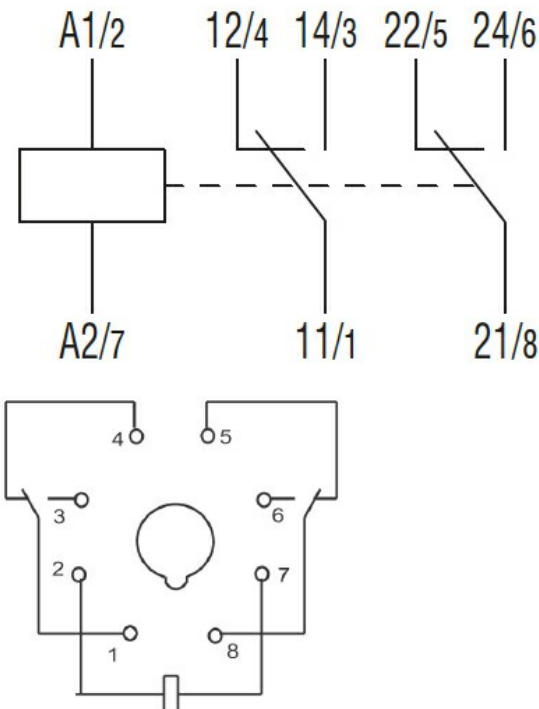
**Other features**

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

cURus

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EAC

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VDE

ETIM classification

ETIM 8.0

EC001437 -  
Switching relay