



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 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	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	
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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

Ambient conditions

Temperature

Operating temperature

min	°C	-40
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Other features

Indication

Yes

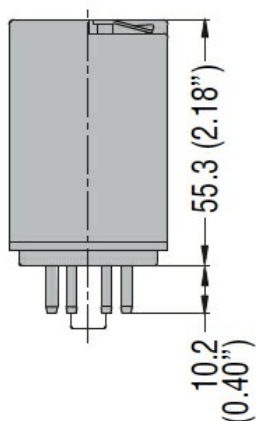
Mechanical contact position indicator

Yes

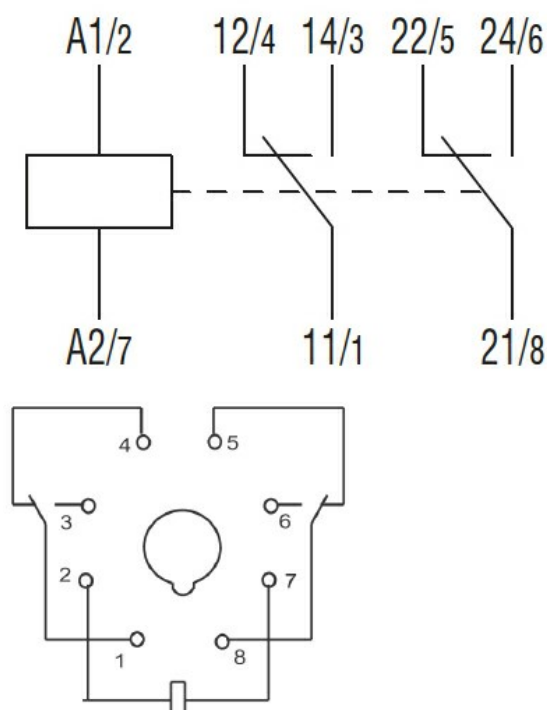
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay