



Contact characteristics

Contact configuration			3 C/O
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	6
IEC Conventional free air thermal current Ith ≤ 40°C		A	10
Rated current (In)		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		mΩ	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

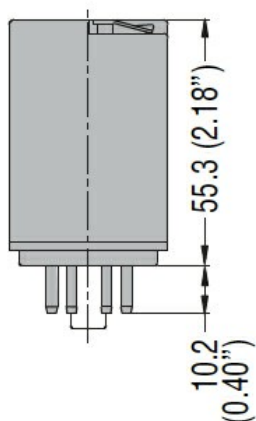
Mechanical contact position indicator

Yes

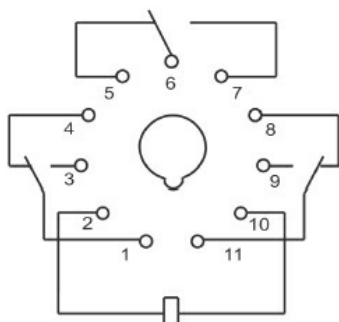
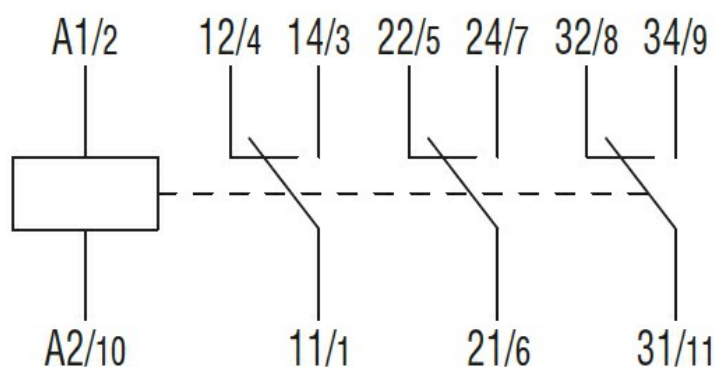
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay