



8-PIN
INDUSTRIAL
RELAYS
HR702C

Product designation

Product type designation

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}	A	10	
Rated current (I_n)	A	10	
Relay control voltage	V	48VDC	
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

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 ²	0.5
max	mm ²	2.5

Operating position

normal

Any

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

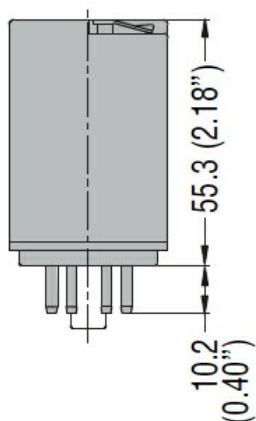
Mechanical contact position indicator

Yes

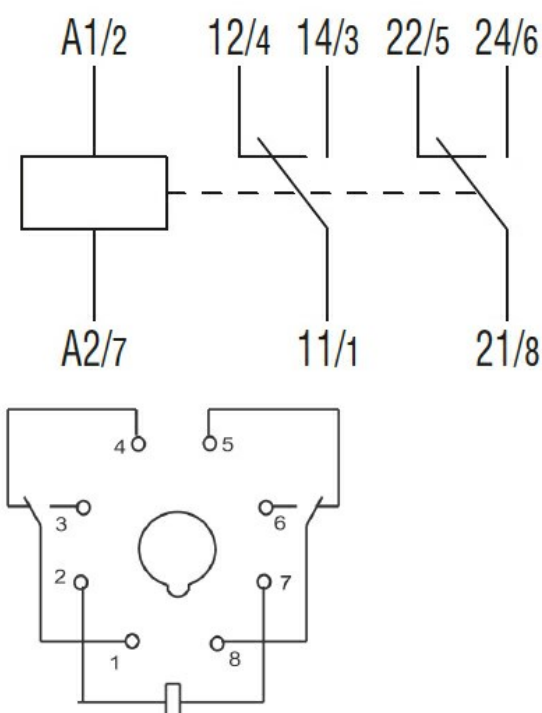
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay