



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 110VDC
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<sup>2</sup> 0.5  
max mm<sup>2</sup> 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

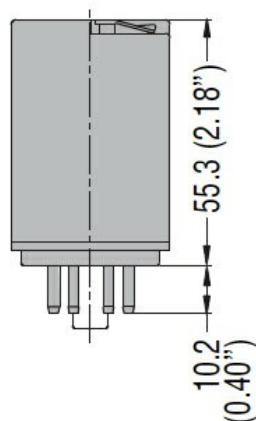
Mechanical contact position indicator

Yes

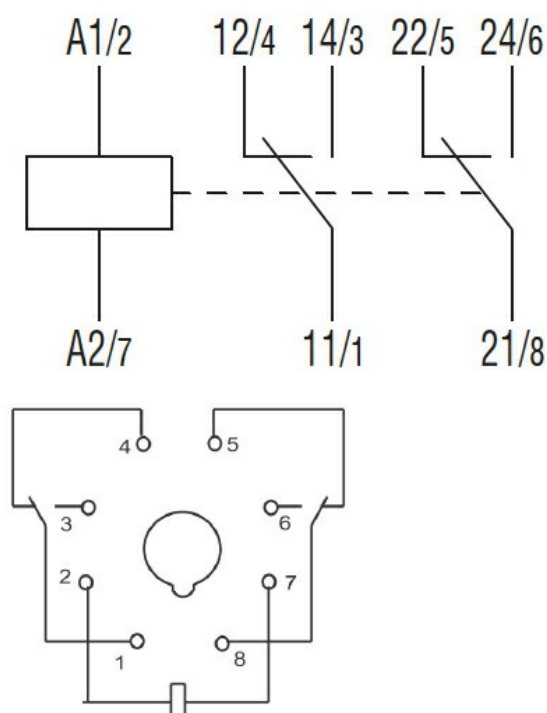
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



**Certifications and compliance**

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

**ETIM classification**

ETIM 8.0

EC001437 -  
Switching relay