



11-PIN
INDUSTRIAL
RELAYS
HR704C

Product designation

Product type designation

Contact characteristics

Contact configuration				3 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			110VAC
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

Average coil consumption AC at 20°C	VA			3
Average coil consumption DC at 20°C	W			1.5

Operating range

	Closing	% U_n		70...110
	Opening	% U_n		20...55
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

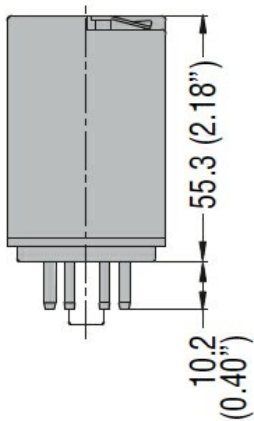
Mechanical contact position indicator

Yes

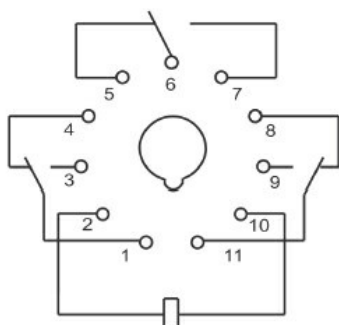
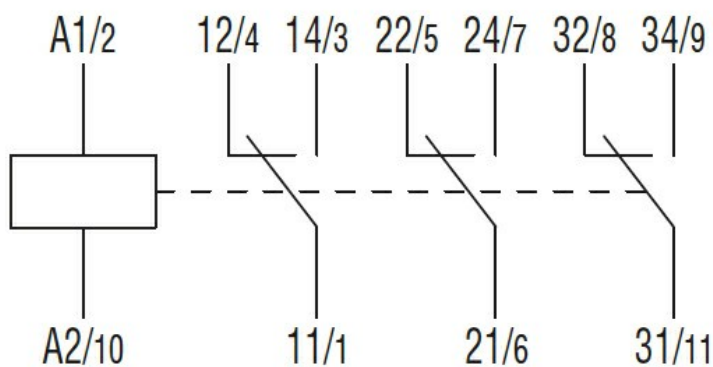
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

ETIM classification

ETIM 8.0

EC001437 -
Switching relay