



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		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 mm² 0.5
max mm² 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

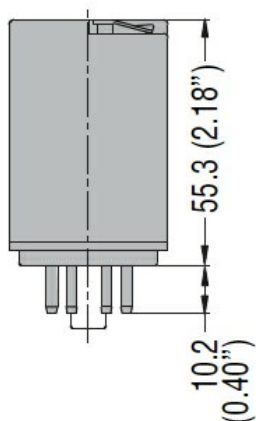
Mechanical contact position indicator

Yes

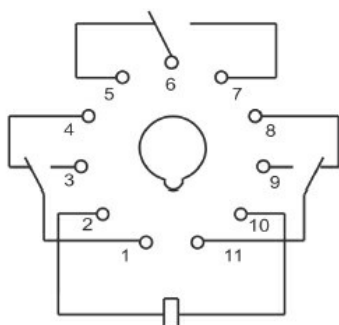
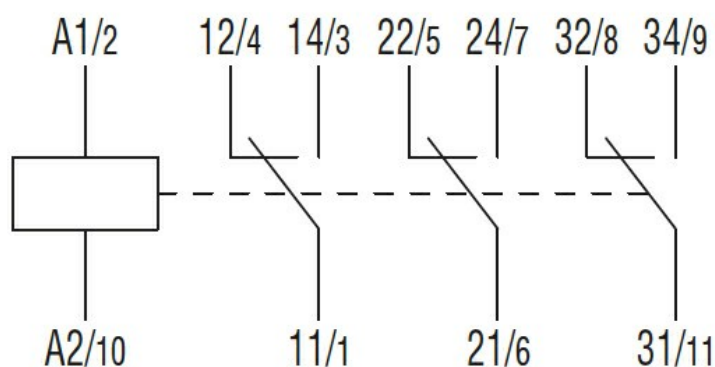
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay