



11-PIN
INDUSTRIAL
RELAYS
HR703C

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		230VAC
Rated operating power AC-1	VA		2500

Rated operating power AC-15	230 VAC	VA	500
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Single-phase motor control	230VAC	kW	1.2
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Rated operating current DC-1	30V	A	10
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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	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

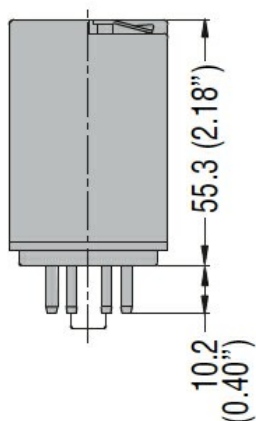
Mechanical contact position indicator

Yes

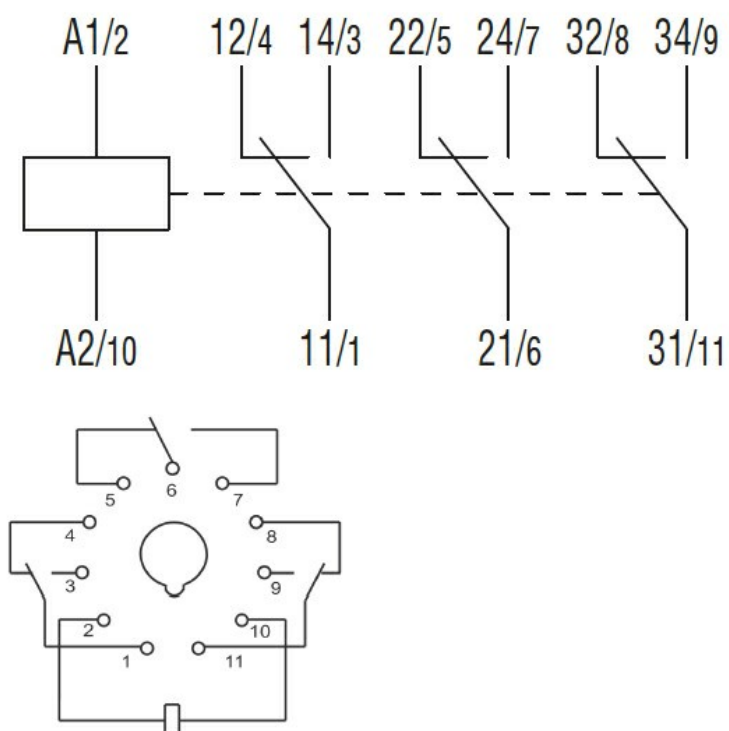
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

ETIM classification

ETIM 8.0

EC001437 -
Switching relay