



|                                                   |                          |              |                     |
|---------------------------------------------------|--------------------------|--------------|---------------------|
| Product designation                               | 11-PIN INDUSTRIAL RELAYS |              |                     |
| Product type designation                          | HR703C                   |              |                     |
| Contact characteristics                           |                          |              |                     |
| Contact configuration                             | 3 C/O                    |              |                     |
| Rated insulation voltage Ui IEC/EN                | V                        | 250          |                     |
| Rated impulse withstand voltage Uimp              | kV                       | 6            |                     |
| IEC Conventional free air thermal current Ith     | A                        | 10           |                     |
| Rated current (In)                                | A                        | 10           |                     |
| Relay control voltage                             | V                        | 24VAC        |                     |
| 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<br>Opening       | % Un<br>% Un | 70...110<br>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                      | 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

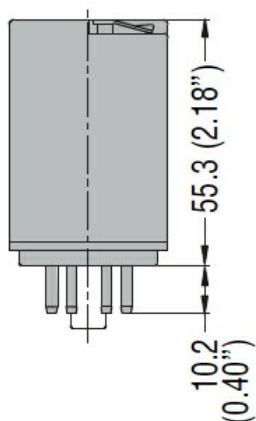
Mechanical contact position indicator

Yes

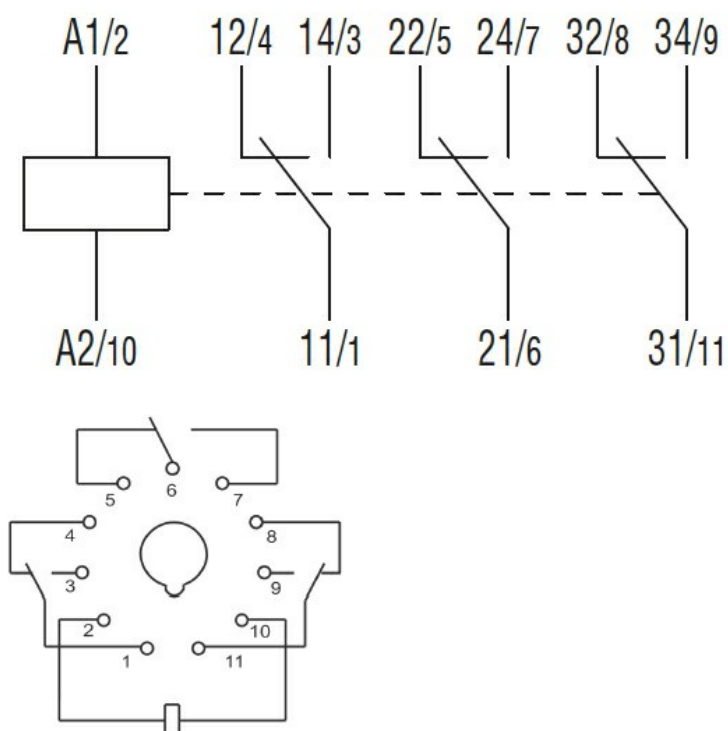
Mechanical test actuator

Yes

Dimensions



Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 61810

### Certificates

CSA

cURus

EAC

## ETIM classification

ETIM 8.0

EC001437 -  
Switching relay