

### HR604CD012 RELÉ INDUSTRIAL CON TESTIGO LED DE ESTADO Y ACTUADOR MECÁNICO, 12VDC, 5A, 4 CONTACTOS CONMUT. MONTAJE EN BASE HR6XS4...



| Product designation                               |          |          | INDUSTRIAL<br>RELAYS |
|---|----------|----------|----------------------|
| Product type designation                          |          |          | HR604C               |
| Contact characteristics                           |          |          | 111(0040             |
| Contact configuration                             |          |          | 4 C/O                |
| Rated insulation voltage Ui IEC/EN                |          | V        | 500                  |
| Rated impulse withstand voltage Uimp              |          | kV       | 4                    |
| IEC Conventional free air thermal current Ith     |          | A        | 5                    |
| Rated current (In)                                |          | A        | 5                    |
| Relay control voltage                             |          | V        | 12VDC                |
| Max contrallable power in                         |          | v        | 12100                |
|   | AC-1     | W        | 5                    |
| Rated operating power AC-1                        | 7.0 1    | ••       | 0                    |
| Rated operating power Ae T                        |          | VA       | 1250                 |
| Rated operating power AC-15                       |          | ٧٨       | 1250                 |
|   | 230 VAC  | VA       | 150                  |
| Single-phase motor control                        | 230 VAC  | VA       | 150                  |
| Single-phase motor control                        | 230VAC   | kW       | 0.07                 |
| Deted energting surrent DC 1                      | 230VAC   | KVV      | 0.37                 |
| Rated operating current DC-1                      | 30V      | ۸        | 0                    |
|   | 110V     | A<br>A   | 8<br>0.3             |
|   | 220V     | A        | 0.3                  |
| Minimum owitching load                            | 2200     | V / mA   | 5 / 100              |
| Minimum switching load                            |          |          |                      |
| Contact impedance<br>Contact material             |          | mΩ       | 100                  |
|   |          |          | Ag/Ni                |
| Operating times                                   |          |          | <25                  |
| Closing   |          | ms       |                      |
| Opening<br>Operations                             |          | ms       | <25                  |
|   |          | avalaa   | 20000000             |
| Mechanical life                                   |          | cycles   | 2000000              |
| Electrical life AC1                               |          | cycles   | 100000               |
| Coil characteristics                              |          | ) / A    | 4 7                  |
| Average coil consumption AC at 20°C               |          | VA       | 1.7                  |
| Average coil consumption DC at 20°C               |          | W        | 1.1                  |
| Operating range                                   | <u>.</u> | 0/11     | 75 440               |
|   | Closing  | % Un     | 75110                |
|   | Opening  | % Un     | 1030                 |
| Maximum cycle frequency                           |          | cycles/h | 3600                 |
| Mechanical features                               |          | Nise     | 0.0                  |
| Max socket terminal tightening torque             |          | Nm       | 0.6                  |
| Socket screw tightening tool (cross / flat blade) |          |          | PH1 / 4.5mm          |
| Conductor section                                 |          |          |                      |
| AWG/Kcmil   |          |          | 00                   |
|   | min      |          | 20                   |
|   | max      |          | 14                   |

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

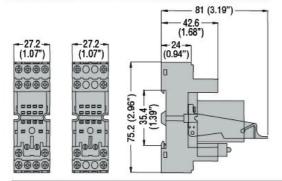


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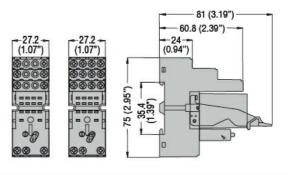
|                        | IEC                   |        |     |                           |
|------------------------|-----------------------|--------|-----|---------------------------|
|                        |                       | min    | mm² | 0.5                       |
|                        |                       | 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  | +70                       |
|                        | Storage temperature   |        |     |                           |
|                        |                       | min    | °C  | -40                       |
|                        |                       | max    | °C  | +80                       |
| Other features         |                       |        |     |                           |
| Indication             |                       |        |     | Yes                       |
| Mechanical contact po  | osition indicator     |        |     | Yes                       |
| Mechanical test actuat | tor                   |        |     | Yes                       |

Dimensions

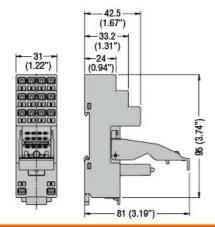
HR60 2C... with socket HR6XS21 - HR6XS22



## HR60 4C... with socket HR6XS41 - HR6XS42



#### HR60 2C... - HR60 4C... with socket HR6XS21S - HR6XS41S



#### Wiring diagrams

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