# Technical data sheet · Interface Technology



LCIS Mechanical Relay

| | | |
|---|---|---|
| **Identification** | Type | LCIS-RS24UP-S-1U |
| | Part-No. | 760021.1000 |

| **Description** | |
|---|---|
| | Output Relay Interface, relay with 1 directional contact / SPDT relay, pluggable<br>AC/DC 250 V, 6 A, 1500 VA / 144 W |

| **Input** | |
|---|---|
| Rated voltage $U_N$ | AC/DC 24 V |
| Input voltage range | 19.2 V – 30 V |
| Rated frequency $f_N$ | 50 Hz / 60 Hz |
| Rated current $I_N$ | 10.6 mA |
| Protection device Input | Bridge rectifier |
| Max. length of connecting lead | DC: 1000 m / AC: 500 m |
| Status display input | LED green |
| Interrupting voltage | <2.0 V |

| **Output** | |
|---|---|
| Contact type | 1 changeover contacts / SPDT |
| Switching element | Relays |
| Min. switching voltage | AC/DC 17 V |
| Max. switching voltage | AC/DC 250 V |
| Min. switching current | AC/DC 5 mA |



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| | |
|---|---|
| Max. switching current | AC/DC 6 A |
| Switching capacity DC 13 | 1 A @ 24 V<br>200 mA @ 125 V<br>100 mA @ 250 V |
| Switching capacity AC 15 | 3 A |
| Max. switching capacity | 1500 VA / 144 W |
| Contact material | $AgSnO_2$ |
| Mechanical service life | > 10 x $10^6$ operations |
| Switch-on delay | AC: 10 ms, DC: 6 ms |
| Shutdown delay | AC: 10 ms, DC: 10 ms |
| Protection device | none |

| **General** | |
|---|---|
| Housing material | PA 6.6 (UL 94 V-0) |
| Color of the housing | RAL 7012<br>basalt grey |
| Protection class | IP20 |
| Mounting | DIN rail mountable TS35<br>(EN 60715) |
| Installation position | any |
| Insulation voltage input / output | 4.0 $kV_{eff}$ |
| Safe isolation | yes |
| Clearance/creepage dist.<br>(control/load side) | >5.5 mm |
| Operation temperature range | -25 °C … +60 °C |
| Storage temperature range | -40 °C … +80 °C |
| Dimensions (w × h × d) | 6.2 × 90.0 × 76.0 mm |
| Weight | 0.035 kg/piece |
| Connection device | Screw terminal<br>single wire<br>0.25 $mm^2$–2.5 $mm^2$ / AWG 20–14<br>fine stranded wire with ferrule<br>0.25 $mm^2$–1.5 $mm^2$ / AWG 20–16 |
| Standards | EN 60947-5-1 |
| Approvals | cULus<br>DNV GL |



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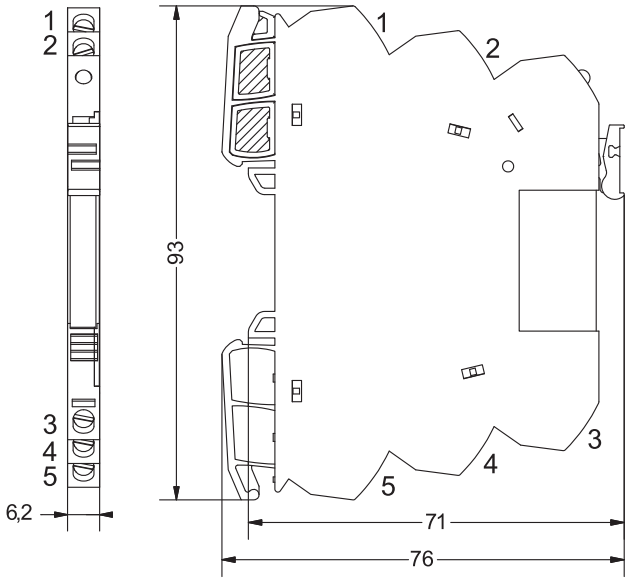
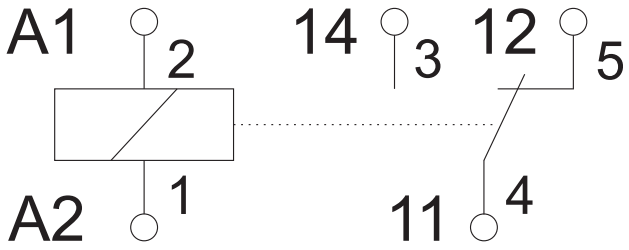
## Dimensions




## PIN assignment




29.03.2019 – Subject to technical modification

Part-No. 760021.1000

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