



|                                |                                                                                                  |                      |
|--------------------------------|--------------------------------------------------------------------------------------------------|----------------------|
| <b>Identification</b>          | Type                                                                                             | LCIS-RS24DC-S-1U-HTV |
|                                | Part-No.                                                                                         | 760020.1010          |
| <b>Description</b>             |                                                                                                  |                      |
|                                | Output Relay Interface, relay with 1 directional contact, pluggable<br>AC/DC 250 V, 6 A, 1500 VA |                      |
| <b>Input</b>                   |                                                                                                  |                      |
| Rated voltage $U_N$            | DC 24 V                                                                                          |                      |
| Input voltage range            | 19.2 – 30 V                                                                                      |                      |
| Rated current $I_N$            | 11 mA                                                                                            |                      |
| Interrupting voltage           | <1.7 V                                                                                           |                      |
| Protection device              | Reverse diode                                                                                    |                      |
| Max. length of connecting lead | DC: 1000 m / AC: 500 m                                                                           |                      |
| Status display input           | LED green                                                                                        |                      |
| <b>Output</b>                  |                                                                                                  |                      |
| Contact type                   | 1 changeover contacts                                                                            |                      |
| Min. switching voltage         | AC/DC 1 V                                                                                        |                      |
| Max. switching voltage         | AC/DC 250 V                                                                                      |                      |
| Min. switching current         | AC/DC 1 mA                                                                                       |                      |
| Max. switching current         | AC/DC 6 A                                                                                        |                      |

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Part-No. 760020.1010

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## Technical data sheet · Interface Technology

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|-----------------------------------------------|------------------------------------------------|
| 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 / 30 W                                 |
| Contact material                              | AgSnO <sub>2</sub> + 5 µm HV                   |
| Mechanical service life                       | > 5 × 10 <sup>7</sup> operations               |
| Switch-on delay                               | 5 ms                                           |
| Shutdown delay                                | 4 ms                                           |
| Clearance/creep. dist.<br>(control/load side) | >5.5 mm                                        |
| Protection device                             | none                                           |

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### General

|                                     |                                                                                                                                                                                    |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing material                    | PA 6.6 (UL 94 V-0)                                                                                                                                                                 |
| Colour 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   | AC 4.0 kV <sub>eff</sub>                                                                                                                                                           |
| Safe isolation                      | yes                                                                                                                                                                                |
| Rated insulation voltage (EN 50178) | 300 V                                                                                                                                                                              |
| Operation temperature range         | -25 °C ... +60 °C                                                                                                                                                                  |
| Storage temperature range           | -40 °C ... +80 °C                                                                                                                                                                  |
| Dimensions (w × h × d)              | 6.2 × 93.0 × 76.0 mm                                                                                                                                                               |
| Weight                              | 0.035 kg/piece                                                                                                                                                                     |
| Connection device                   | Screw terminal<br>single wire<br>0.25 mm <sup>2</sup> –2.5 mm <sup>2</sup> / AWG 20–14<br>fine stranded wire with ferrule<br>0.25 mm <sup>2</sup> –1.5 mm <sup>2</sup> / AWG 20–16 |
| Standards                           | EN 60947-5-1                                                                                                                                                                       |
| Approvals                           | cULus<br>DNV GL                                                                                                                                                                    |

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### Comments

Hard gold-plated contacts: So that the gold layer is not damaged, the specified values are not permitted to be exceeded. At higher switching capacity, the gold layer vaporizes. The deposition in the housing can lead to sparkovers between the coil and contact.

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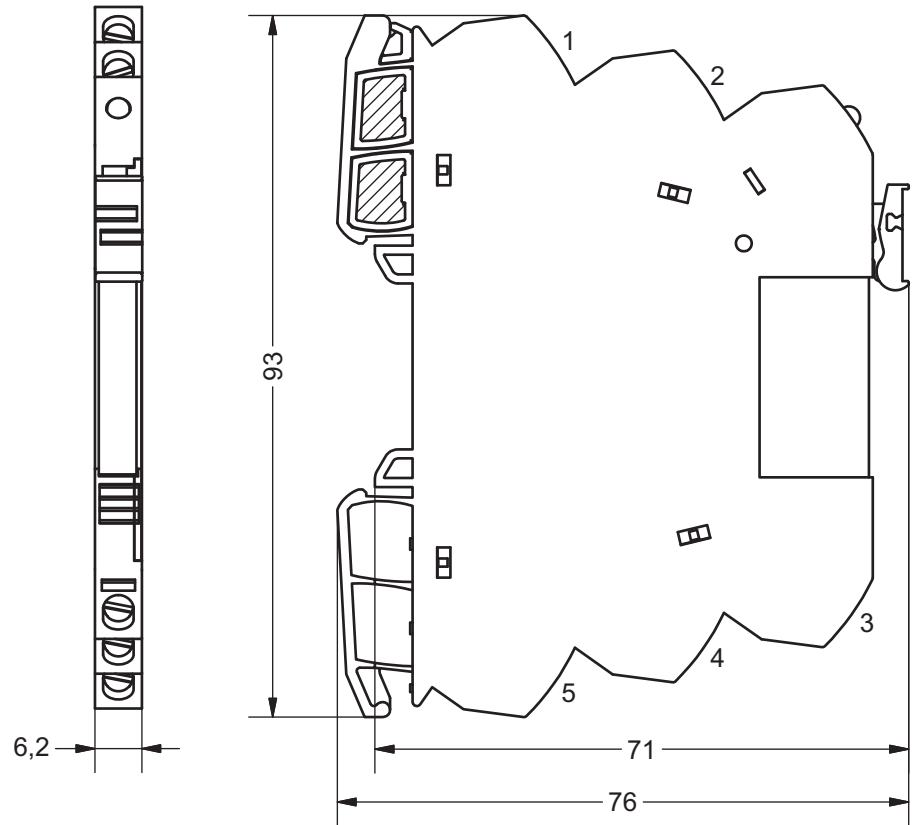
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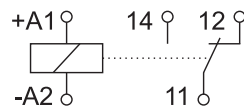


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



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