



|                                |                                                                                                                       |                   |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>Identification</b>          | Type                                                                                                                  | LCIS-RS24UP-PI-1U |
|                                | Part-No.                                                                                                              | 761021.1000       |
| <b>Description</b>             |                                                                                                                       |                   |
|                                | Output Relay Interface, relay with 1 directional contact / SPDT relay, pluggable<br>AC/DC 250 V, 6 A, 1500 VA / 144 W |                   |
| <b>Input</b>                   |                                                                                                                       |                   |
| Rated voltage U <sub>N</sub>   | AC/DC 24 V                                                                                                            |                   |
| Input voltage range            | 19.2 V – 30 V                                                                                                         |                   |
| Rated frequency f <sub>N</sub> | 50 Hz / 60 Hz                                                                                                         |                   |
| Rated current I <sub>N</sub>   | 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                                                                                                                |                   |
| <b>Output</b>                  |                                                                                                                       |                   |
| 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                                                                                                            |                   |

29.03.2019 – Subject to technical modification

Part-No. 761021.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk

## Technical data sheet · Interface Technology

---

|                          |                                                |
|--------------------------|------------------------------------------------|
| 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 <sub>2</sub>                             |
| Mechanical service life  | > 10 x 10 <sup>6</sup> 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 <sub>eff</sub>                                                                                                                                                       |
| 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                               | Push-In<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                                                                                                                                                             |

29.03.2019 – Subject to technical modification

Part-No. 761021.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

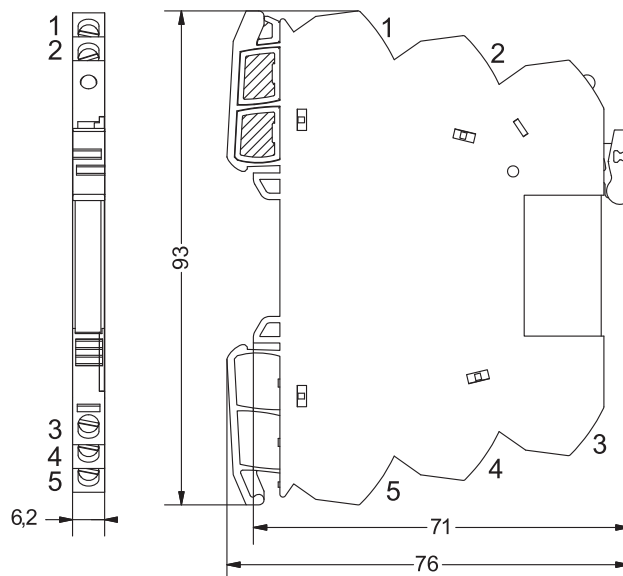
www.lutze.com • sales.gb@lutze.co.uk



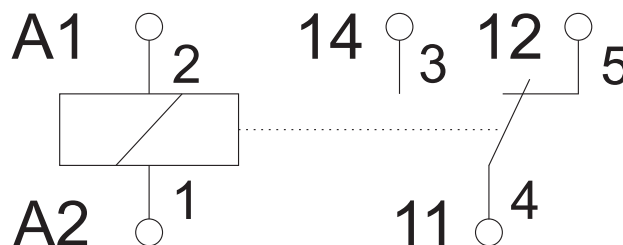
SYSTEMATIC TECHNOLOGY

## Technical data sheet · Interface Technology

### Dimensions



### PIN assignment



29.03.2019 – Subject to technical modification

Part-No. 761021.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY