



Plug-in relay, 3 changeover contacts Relay or LED 38 mm, 24 V DC

|                          |               |
|--------------------------|---------------|
| product brand name       | SIRIUS        |
| product designation      | Plug-in relay |
| product type designation | LZX           |

### General technical data

|                                                                   |                   |
|-------------------------------------------------------------------|-------------------|
| consumed active power                                             | 1 200 mW          |
| percental drop-out voltage related to the input voltage           | 10 %              |
| shock resistance according to IEC 60068-2-27                      | 10g / 11 ms       |
| vibration resistance according to IEC 60068-2-6                   | 30 ... 150 Hz: 2g |
| operating frequency without load                                  | 6 000 1/h         |
| operating frequency with load                                     | 1 200 1/h         |
| switching behavior                                                | monostable        |
| design of the switching function                                  | changeover switch |
| design of the switching function positively driven                | No                |
| mechanical service life (switching cycles) typical                | 20 000 000        |
| electrical endurance (switching cycles) at AC-15 at 230 V typical | 300 000           |
| thermal current                                                   | 10 A              |
| reference code according to IEC 81346-2                           | K                 |
| Substance Prohibitance (Date)                                     | 05/01/2012        |

### Control circuit/ Control

|                                                                 |       |
|-----------------------------------------------------------------|-------|
| control supply voltage at DC                                    | 24 V  |
| • rated value                                                   |       |
| operating range factor control supply voltage rated value at DC |       |
| • initial value                                                 | 0.9   |
| • full-scale value                                              | 1.4   |
| design of the relay operating mechanism                         | poled |
| product component plug-in socket                                | No    |

### Auxiliary circuit

|                                              |                    |
|----------------------------------------------|--------------------|
| type of switching contact                    | Changeover contact |
| material of switching contacts               | AgNi 90/10         |
| number of NC contacts for auxiliary contacts | 0                  |
| number of NO contacts for auxiliary contacts | 0                  |
| number of CO contacts for auxiliary contacts | 3                  |

### Main circuit

|                 |    |
|-----------------|----|
| type of voltage | DC |
|-----------------|----|

### Connections/ Terminals

|                                     |    |
|-------------------------------------|----|
| product function removable terminal | No |
|-------------------------------------|----|

### Installation/ mounting/ dimensions

|                   |               |
|-------------------|---------------|
| mounting position | any           |
| fastening method  | base mounting |

|        |         |
|--------|---------|
| height | 36.5 mm |
| width  | 35.5 mm |
| depth  | 69 mm   |

#### Ambient conditions

##### ambient temperature

- during operation -40 ... +60 °C
- during storage -40 ... +60 °C
- during transport -40 ... +60 °C

#### Certificates/ approvals

##### General Product Approval

##### Declaration of Conformity

[Confirmation](#)



##### Marine / Shipping

##### other



[Confirmation](#)

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZX:MT321024>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:MT321024>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:MT321024>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=LZX:MT321024&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:MT321024&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:MT321024/manual>



