

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
|                          | Plug-in relay 2 W, Width 15 mm, 12 V DC for LZS sockets |
| Product brand name       | SIRIUS                                                  |
| Product designation      | Plug-in relay                                           |
| Product type designation | LZX                                                     |

### General technical data

|                                                                                  |                   |
|----------------------------------------------------------------------------------|-------------------|
| Consumed active power                                                            | 400 mW            |
| Percental drop-out voltage related to the input voltage                          | 10 %              |
| Shock resistance                                                                 |                   |
| • acc. to IEC 60068-2-27                                                         | 5g / 11 ms        |
| Vibration resistance                                                             |                   |
| • acc. to IEC 60068-2-6                                                          | 30 ... 150 Hz: 5g |
| Switching behavior                                                               | monostable        |
| Design of the switching function                                                 | changeover switch |
| Design of the switching function positively driven                               | No                |
| Mechanical service life (switching cycles)                                       |                   |
| • typical                                                                        | 30 000 000        |
| Electrical endurance (switching cycles)                                          |                   |
| • at AC-15 at 230 V typical                                                      | 100 000           |
| Thermal current                                                                  | 8 A               |
| Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | K                 |
| Reference code acc. to DIN EN 81346-2                                            | K                 |
| Reference code acc. to DIN EN 61346-2                                            | K                 |

### Control circuit/ Control

|                                                                 |       |
|-----------------------------------------------------------------|-------|
| Control supply voltage at DC                                    |       |
| • rated value                                                   | 12 V  |
| 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                  |

|                                                         |     |
|---------------------------------------------------------|-----|
| <b>Number of CO contacts</b>                            |     |
| • for auxiliary contacts                                | 2   |
| <b>Operating current of auxiliary contacts at AC-15</b> |     |
| • at 250 V                                              | 3 A |
| <b>Operating current at DC-13</b>                       |     |
| • at 24 V rated value                                   | 2 A |
| <b>Operating current of auxiliary contacts at DC-13</b> |     |
| • at 24 V                                               | 2 A |

|                        |    |
|------------------------|----|
| <b>Main circuit</b>    |    |
| <b>Type of voltage</b> | DC |

|                                              |     |
|----------------------------------------------|-----|
| <b>Outputs</b>                               |     |
| <b>Ampacity of the output relay at AC-15</b> |     |
| • at 250 V at 50/60 Hz                       | 3 A |
| <b>Ampacity of the output relay at DC-13</b> |     |
| • at 24 V                                    | 2 A |

|                               |    |
|-------------------------------|----|
| <b>Connections/ Terminals</b> |    |
| <b>Product function</b>       |    |
| • removable terminal          | No |

|                                           |               |
|-------------------------------------------|---------------|
| <b>Installation/ mounting/ dimensions</b> |               |
| <b>Mounting position</b>                  | any           |
| <b>Mounting type</b>                      | base mounting |
| <b>Height</b>                             | 29 mm         |
| <b>Width</b>                              | 12.7 mm       |
| <b>Depth</b>                              | 19.5 mm       |

|                                 |                                  |              |
|---------------------------------|----------------------------------|--------------|
| <b>Certificates/ approvals</b>  |                                  |              |
| <b>General Product Approval</b> | <b>Declaration of Conformity</b> | <b>other</b> |



[Miscellaneous](#)

[Confirmation](#)

## Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZX:RT424012>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT424012>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT424012>

**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:RT424012&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT424012&lang=en)

last modified:

11/20/2019