



Plug-in relay 4 changeover contacts, hard gold-plated 230 V AC, for LZS sockets

|  |                    |
|--|--------------------|
| product brand name   | SIRIUS             |
| product designation  | Plug-in relay      |
| product type designation   | LZX                |
| <b>General technical data</b>  |                    |
| percental drop-out voltage related to the input voltage                  | 30 %               |
| shock resistance according to IEC 60068-2-27                             | 5g / 11 ms         |
| vibration resistance according to IEC 60068-2-6                          | 30 ... 150 Hz: 4g  |
| operating frequency without load   | 36 000 1/h         |
| operating frequency with load  | 360 1/h            |
| switching behavior   | monostable         |
| design of the switching function   | changeover switch  |
| design of the switching function positively driven                       | No                 |
| mechanical service life (operating cycles) typical                       | 20 000 000         |
| electrical endurance (operating cycles) at AC-15 at 230 V typical        | 250 000            |
| thermal current  | 6 A                |
| reference code according to IEC 81346-2                                  | K                  |
| Substance Prohibitance (Date)  | 05/01/2012         |
| <b>Control circuit/ Control</b>  |                    |
| control supply voltage at AC   |                    |
| • at 50 Hz rated value   | 230 V              |
| • at 60 Hz rated value   | 230 V              |
| control supply voltage frequency   |                    |
| • 1 rated value  | 50 Hz              |
| • 2 rated value  | 60 Hz              |
| supply voltage frequency for auxiliary and control circuit rated value   | 50 ... 60 Hz       |
| operating range factor control supply voltage rated value at AC at 50 Hz |                    |
| • initial value  | 0.9                |
| • full-scale value   | 1.1                |
| operating range factor control supply voltage rated value at AC at 60 Hz |                    |
| • initial value  | 0.9                |
| • full-scale value   | 1.1                |
| design of the relay operating mechanism                                  | poled              |
| product component plug-in socket   | No                 |
| <b>Auxiliary circuit</b>   |                    |
| 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              | 4   |
| <b>operational current of auxiliary contacts at AC-15</b> |     |
| • at 250 V  | 2 A |
| operational current at DC-13 at 24 V rated value          | 4 A |
| <b>operational current of auxiliary contacts at DC-13</b> |     |
| • at 24 V   | 4 A |

#### Main circuit

|  |     |
|--|-----|
| <b>type of voltage</b>                                     | AC  |
| ampacity of the output relay at AC-15 at 250 V at 50/60 Hz | 2 A |
| <b>ampacity of the output relay at DC-13</b>               |     |
| • at 24 V  | 4 A |

#### Connections/ Terminals

|  |    |
|--|----|
| <b>product function removable terminal</b> | No |
|--|----|

#### Installation/ mounting/ dimensions

|                          |               |
|--------------------------|---------------|
| <b>mounting position</b> | any           |
| <b>fastening method</b>  | base mounting |
| <b>height</b>            | 28 mm         |
| <b>width</b>             | 22.5 mm       |
| <b>depth</b>             | 35 mm         |

#### Ambient conditions

|                            |                |
|----------------------------|----------------|
| <b>ambient temperature</b> |                |
| • during operation         | -40 ... +70 °C |
| • during storage           | -40 ... +70 °C |
| • during transport         | -40 ... +70 °C |

#### Certificates/ approvals

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

[Confirmation](#)



#### Marine / Shipping other



[Confirmation](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**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:PT580730>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT580730>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT580730>

**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:PT580730&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT580730&lang=en)

**Characteristic: Derating**

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT580730/manual>



