



Plug-in relay 1 W, Width 15 mm, 230 V AC for LZS sockets

Figure similar

|                                                                                 |                    |
|---------------------------------------------------------------------------------|--------------------|
| <b>product brand name</b>                                                       | SIRIUS             |
| <b>product designation</b>                                                      | Plug-in relay      |
| <b>product type designation</b>                                                 | LZX                |
| <b>General technical data</b>                                                   |                    |
| <b>percental drop-out voltage related to the input voltage</b>                  | 15 %               |
| <b>shock resistance according to IEC 60068-2-27</b>                             | 5 g / 11 ms        |
| <b>vibration resistance according to IEC 60068-2-6</b>                          | 30 ... 150 Hz: 5 g |
| <b>operating frequency without load</b>                                         | 36 000 1/h         |
| <b>operating frequency with load</b>                                            | 360 1/h            |
| <b>switching behavior</b>                                                       | monostable         |
| <b>mechanical service life (operating cycles) typical</b>                       | 10 000 000         |
| <b>electrical endurance (operating cycles) at AC-15 at 230 V typical</b>        | 70 000             |
| <b>thermal current</b>                                                          | 16 A               |
| <b>reference code according to IEC 81346-2</b>                                  | K                  |
| <b>Substance Prohibitance (day/month/year)</b>                                  | 05/01/2012         |
| <b>Net Weight</b>                                                               | 0.013 kg           |
| <b>Control circuit/ Control</b>                                                 |                    |
| <b>control supply voltage at AC</b>                                             |                    |
| • at 50 Hz rated value                                                          | 230 V              |
| • at 60 Hz rated value                                                          | 230 V              |
| <b>control supply voltage frequency</b>                                         |                    |
| • 1 rated value                                                                 | 50 Hz              |
| • 2 rated value                                                                 | 60 Hz              |
| <b>supply voltage frequency for auxiliary and control circuit rated value</b>   | 50 ... 60 Hz       |
| <b>operating range factor control supply voltage rated value at AC at 50 Hz</b> |                    |
| • initial value                                                                 | 0.9                |
| • full-scale value                                                              | 1.1                |
| <b>operating range factor control supply voltage rated value at AC at 60 Hz</b> |                    |
| • initial value                                                                 | 0.9                |
| • full-scale value                                                              | 1.1                |
| <b>Switching Function</b>                                                       |                    |
| <b>design of the switching function</b>                                         | changeover switch  |
| <b>Mechanical data</b>                                                          |                    |
| <b>product component plug-in socket</b>                                         | No                 |
| <b>design of the relay operating mechanism</b>                                  | poled              |
| <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       | 1                  |
| operational current of auxiliary contacts at AC-15 |                    |
| • at 250 V                                         | 3 A                |

#### Main circuit

|                                                            |     |
|------------------------------------------------------------|-----|
| type of voltage                                            | AC  |
| ampacity of the output relay at AC-15 at 250 V at 50/60 Hz | 3 A |

#### Connections/ Terminals

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

#### Installation/ mounting/ dimensions

|                   |               |
|-------------------|---------------|
| mounting position | any           |
| fastening method  | base mounting |
| height            | 29 mm         |
| width             | 12.7 mm       |
| depth             | 19.5 mm       |

#### Ambient conditions

|                     |                |
|---------------------|----------------|
| ambient temperature |                |
| • during operation  | -40 ... +70 °C |
| • during storage    | -40 ... +85 °C |
| • during transport  | -40 ... +85 °C |

#### Approvals Certificates

|             |                          |       |
|-------------|--------------------------|-------|
| Environment | General Product Approval | other |
|-------------|--------------------------|-------|

[Environmental Con-  
firmations](#)



[Confirmation](#)

#### other

[Confirmation](#)



#### Further information

##### Information on the packaging

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

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### 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:RT314730>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT314730>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314730>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=LZX:RT314730&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT314730&lang=en)



