



Plug-in relay 2 W, Width 15 mm, 24 V DC for LZS sockets

Figure similar

|   |                    |
|---|--------------------|
| product brand name  | SIRIUS             |
| product designation   | Plug-in relay      |
| product type designation  | LZX                |
| <b>General technical data</b>                                     |                    |
| consumed active power   | 400 mW             |
| percental drop-out voltage related to the input voltage           | 10 %               |
| shock resistance according to IEC 60068-2-27                      | 5g / 11 ms         |
| vibration resistance according to IEC 60068-2-6                   | 30 ... 150 Hz: 5g  |
| operating frequency without load                                  | 72 000 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 (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 according to IEC 81346-2                           | K                  |
| Substance Prohibitance (Date)                                     | 05/01/2012         |
| <b>Control circuit/ Control</b>                                   |                    |
| control supply voltage at DC                                      | 24 V               |
| • rated value   |                    |
| operating range factor control supply voltage rated value at DC   | 0.9                |
| • initial value   |                    |
| • full-scale value  | 1.4                |
| 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                      | 2                  |
| operational current of auxiliary contacts at AC-15                | 3 A                |
| • at 250 V  |                    |
| operational current at DC-13 at 24 V rated value                  | 2 A                |
| operational current of auxiliary contacts at DC-13                | 2 A                |
| • at 24 V   |                    |
| <b>Main circuit</b>   |                    |

|  |     |
|--|-----|
| type of voltage  | DC  |
| ampacity of the output relay at AC-15 at 250 V at 50/60 Hz | 3 A |
| ampacity of the output relay at DC-13                      |     |
| • at 24 V  | 2 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 ... +85 °C |
| • during storage    | -40 ... +85 °C |
| • during transport  | -40 ... +85 °C |

#### Certificates/ approvals

General Product Approval

Declaration of Conformity

[Confirmation](#)



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:RT424024>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT424024>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT424024>

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:RT424024&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT424024&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT424024/manual>

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