

Plug-in relay, 4 changeover contacts 24 V DC, 6 A, Width 22.5 mm for LZS sockets








|   |                                 |
|---|---------------------------------|
| product brand name  | SIRIUS                          |
| product designation   | Plug-in relay                   |
| product type designation  | LZX                             |
| <b>General technical data</b>   |                                 |
| consumed active power   | 741 mW                          |
| Percental drop-out voltage related to the input voltage   | 10 %                            |
| <ul style="list-style-type: none"> <li>• shock resistance acc. to IEC 60068-2-27</li> <li>• vibration resistance acc. to IEC 60068-2-6</li> </ul>                                   | 5g / 11 ms<br>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                              |
| <ul style="list-style-type: none"> <li>• mechanical service life (switching cycles) typical</li> <li>• Electrical endurance (switching cycles) at AC-15 at 230 V typical</li> </ul> | 30 000 000<br>250 000           |
| thermal current   | 6 A                             |

|  |                    |
|--|--------------------|
| reference code acc. to DIN EN 81346-2                                  | K                  |
| <b>Control circuit/ Control</b>  |                    |
| <b>control supply voltage at DC</b>                                    |                    |
| • rated value  | 24 V               |
| <b>operating range factor control supply voltage rated value at DC</b> |                    |
| • initial value  | 0.9                |
| • full-scale value   | 1.4                |
| <b>Design of the relay operating mechanism</b>                         | poled              |
| <b>Product component Plug-in socket</b>                                | No                 |
| <b>Auxiliary circuit</b>   |                    |
| <b>type of switching contact</b>                                       | Changeover contact |
| <b>Material of switching contacts</b>                                  | 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>operating current of auxiliary contacts at AC-15</b>                |                    |
| • at 250 V   | 4 A                |
| • Operating current at DC-13 at 24 V rated value                       | 4 A                |
| <b>operating current of auxiliary contacts at DC-13</b>                |                    |
| • at 24 V  | 4 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   | 4 A                |
| <b>Ampacity of the output relay at DC-13</b>                           |                    |
| • at 24 V  | 4 A                |
| <b>Connections/ Terminals</b>  |                    |
| • Product function removable terminal                                  | No                 |
| <b>Installation/ mounting/ dimensions</b>                              |                    |
| • mounting position  | any                |
| • mounting type  | base mounting      |
| <b>height</b>  | 28 mm              |
| <b>width</b>   | 22.5 mm            |
| <b>depth</b>   | 35 mm              |
| <b>Ambient conditions</b>  |                    |
| <b>ambient temperature</b>   |                    |
| • during operation   | -40 ... +70 °C     |
| • during storage   | -40 ... +70 °C     |

- during transport

-40 ... +70 °C

## Certificates/ approvals

| General Product Approval  |  | Declaration of Conformity  |   | Marine / Shipping   |
|---|--|--|---|---|
| <br>UR | <br>VDE | <br>EAC | <br>EG-Konf. | <a href="#">Miscellaneous</a><br><br>LRS |

## 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:PT570024>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT570024>

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

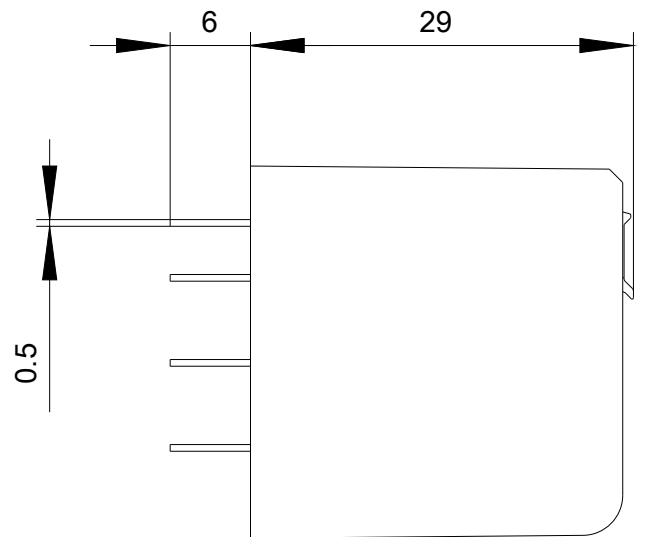
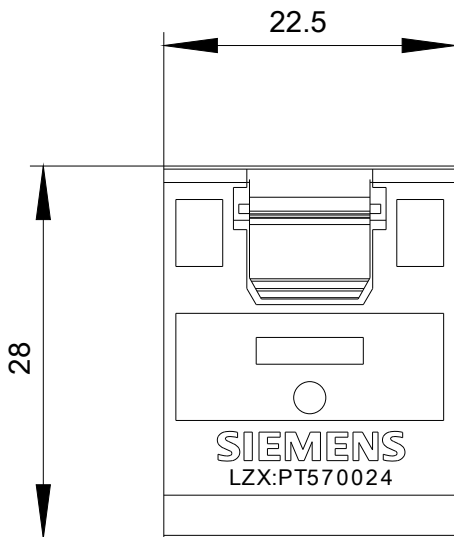
<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT570024>

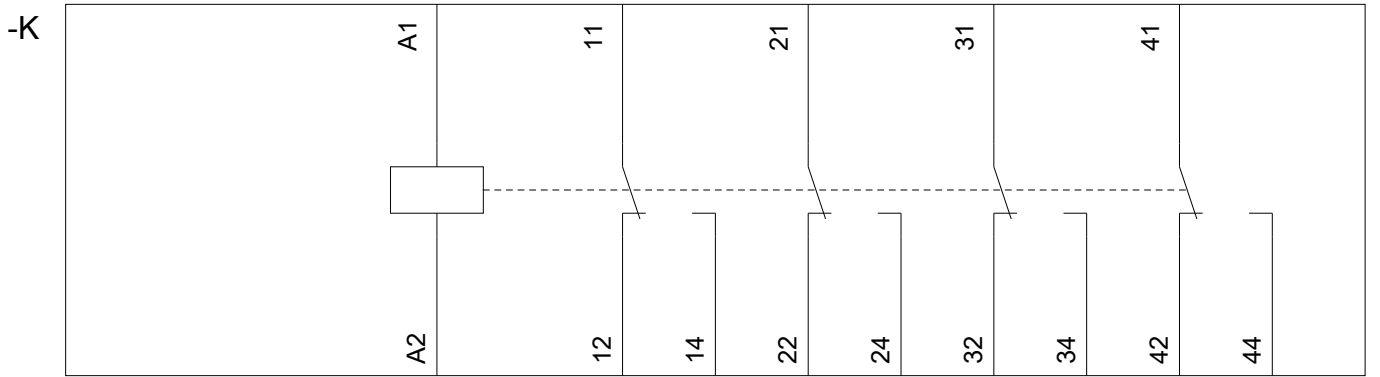
### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=LZX:PT570024&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT570024&lang=en)

### Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT570024/manual>





last modified:

08/18/2020