






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 |
| General technical data | |
| consumed active power | 741 mW |
| percental drop-out voltage related to the input voltage | 10 % |
| shock resistance according to IEC 60068-2-27 | 5 g / 11 ms |
| vibration resistance according to IEC 60068-2-6 | 30 ... 150 Hz: 4 g |
| operating frequency without load | 36 000 1/h |
| operating frequency with load | 360 1/h |
| switching behavior | monostable |
| mechanical service life (operating cycles) typical | 30 000 000 |
| 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 (day/month/year) | 05/01/2012 |
| Net Weight | 0.03 kg |
| Control circuit/ Control | |
| control supply voltage at DC rated value | 24 V |
| operating range factor control supply voltage rated value at DC | |
| • initial value | 0.9 |
| • full-scale value | 1.4 |
| Switching Function | |
| design of the switching function | changeover switch |
| Mechanical data | |
| product component plug-in socket | No |
| design of the relay operating mechanism | poled |
| 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 |
| number of CO contacts for auxiliary contacts | 4 |
| operational current of auxiliary contacts at AC-15 | |
| • at 250 V | 4 A |
| operational current at DC-13 at 24 V rated value | 4 A |
| operational current of auxiliary contacts at DC-13 | |
| • at 24 V | 4 A |

| Main circuit | |
|--|----------------|
| type of voltage | DC |
| ampacity of the output relay at AC-15 at 250 V at 50/60 Hz | 4 A |
| ampacity of the output relay at DC-13 | |
| • at 24 V | 4 A |
| Connections/ Terminals | |
| product function removable terminal | No |
| Installation/ mounting/ dimensions | |
| mounting position | any |
| fastening method | base mounting |
| height | 28 mm |
| width | 22.5 mm |
| depth | 35 mm |
| Ambient conditions | |
| ambient temperature | |
| • during operation | -40 ... +70 °C |
| • during storage | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |

Approvals Certificates

| Environment | General Product Approval |
|---|---|
| Environmental Con- firmations |      |

| Maritime application | 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:PT570024>

Cax online generator
<https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT570024&lang=en

