



Plug-in relay, 3 changeover contacts 24 V AC, 10 A, Width 22.5 mm for LZX sockets

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| product brand name | SIRIUS |
| product designation | Plug-in relay |
| product type designation | LZX |
| General technical data | |
| percental drop-out voltage related to the input voltage | 30 % |
| shock resistance acc. to IEC 60068-2-27 | 5g / 11 ms |
| vibration resistance acc. 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 (switching cycles) typical | 20 000 000 |
| electrical endurance (switching cycles) at AC-15 at 230 V typical | 180 000 |
| thermal current | 10 A |
| reference code acc. to IEC 81346-2 | K |
| Substance Prohibition (Date) | 01.05.2012 00:00:00 |
| Control circuit/ Control | |
| control supply voltage at AC | |
| • at 50 Hz rated value | 24 V |
| • at 60 Hz rated value | 24 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 |
| Auxiliary circuit | |

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| 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 | 3 |
| operational current of auxiliary contacts at AC-15 • at 250 V | 2 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 | AC |
| Outputs | |
| ampacity of the output relay at AC-15 at 250 V at 50/60 Hz | 2 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 • during storage • during transport | -40 ... +70 °C -40 ... +70 °C -40 ... +70 °C |
| Certificates/ approvals | |
| General Product Approval | Declaration of Conformity |
| | Marine / Shipping |



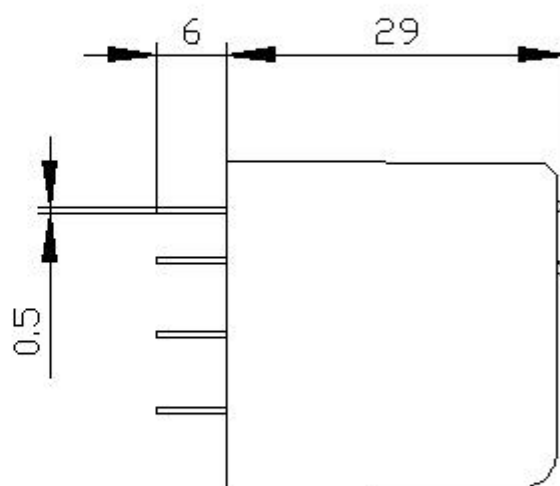
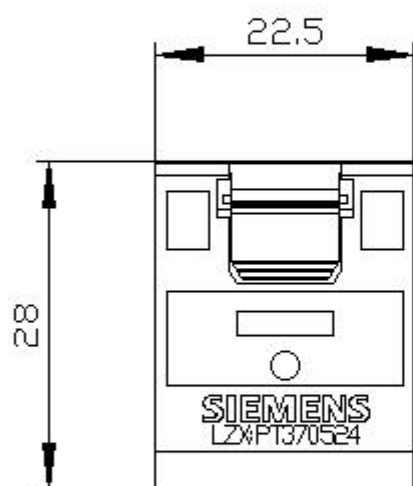
[Miscellaneous](#)

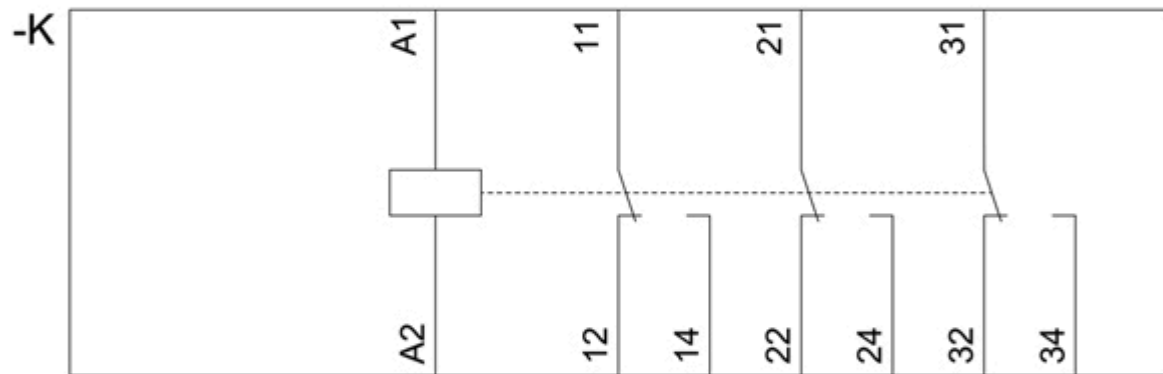


other

[Confirmation](#)

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| 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:PT370524 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT370524 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT370524 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:PT370524&lang=en Characteristic: Derating https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT370524/manual |





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1/18/2021 