



Plug-in relay, 3 changeover contacts with LED, 115 V AC, 10 A Width 38 mm, MT series

|                          |               |
|--------------------------|---------------|
| 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 according to IEC 60068-2-27            | 10g / 11 ms       |
| vibration resistance according to IEC 60068-2-6         | 30 ... 150 Hz: 2g |
| operating frequency without load                        | 6 000 1/h         |
| operating frequency with load                           | 1 200 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        |
| thermal current                                         | 10 A              |
| reference code according to IEC 81346-2                 | K                 |
| Substance Prohibitance (Date)                           | 05/01/2012        |

### Control circuit/ Control

|                                                                                                      |              |
|------------------------------------------------------------------------------------------------------|--------------|
| control supply voltage at AC                                                                         | 115 V        |
| <ul style="list-style-type: none"> <li>at 50 Hz rated value</li> <li>at 60 Hz rated value</li> </ul> | 115 V        |
| control supply voltage frequency                                                                     | 50 Hz        |
| <ul style="list-style-type: none"> <li>1 rated value</li> <li>2 rated value</li> </ul>               | 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                             | 0.9          |
| <ul style="list-style-type: none"> <li>initial value</li> <li>full-scale value</li> </ul>            | 1.1          |
| operating range factor control supply voltage rated value at AC at 60 Hz                             | 0.9          |
| <ul style="list-style-type: none"> <li>initial value</li> <li>full-scale value</li> </ul>            | 1.1          |
| design of the relay operating mechanism                                                              | poled        |
| product component plug-in socket                                                                     | No           |

### 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 | 3                  |

### Main circuit

|                                           |                           |
|-------------------------------------------|---------------------------|
| type of voltage                           | AC                        |
| <b>Connections/ Terminals</b>             |                           |
| product function removable terminal       | No                        |
| <b>Installation/ mounting/ dimensions</b> |                           |
| mounting position                         | any                       |
| fastening method                          | base mounting             |
| height                                    | 36.5 mm                   |
| width                                     | 36.5 mm                   |
| depth                                     | 69 mm                     |
| <b>Ambient conditions</b>                 |                           |
| ambient temperature                       |                           |
| • during operation                        | -40 ... +50 °C            |
| • during storage                          | -40 ... +60 °C            |
| • during transport                        | -40 ... +60 °C            |
| <b>Certificates/ approvals</b>            |                           |
| 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:MT328115>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:MT328115>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:MT328115>

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:MT328115&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:MT328115&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:MT328115/manual>



