

Plug-in relay 4 changeover contacts, without test bracket 24 V DC, for LZS sockets



Product brand name	SIRIUS
Product designation	Plug-in relay
Product type designation	LZX
<b>General technical data</b>	
Power loss [W] total typical	1 W
Consumed active power	741 mW
Percental drop-out voltage related to the input voltage	10 %
Shock resistance	
• acc. to IEC 60068-2-27	5g / 11 ms
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	250 000
Thermal current	6 A

Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	K
Reference code acc. to DIN EN 61346-2	K

### Control circuit/ Control

<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

### Auxiliary circuit

<b>Type of switching contact</b>	Changeover contact
<b>Material of switching contacts</b>	AgNi 90/10
<b>Number of NC contacts for auxiliary contacts</b>	0
<b>Number of NO contacts for auxiliary contacts</b>	0
<b>Number of CO contacts</b>	
• for auxiliary contacts	4
<b>Operating current of auxiliary contacts at AC-15</b>	
• at 250 V	4 A
<b>Operating current at DC-13</b>	
• at 24 V rated value	4 A
<b>Operating current of auxiliary contacts at DC-13</b>	
• at 24 V	4 A

### Main circuit

<b>Type of voltage</b>	DC
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### Outputs

<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

### Connections/ Terminals

<b>Product function</b>	
• removable terminal	No

### Installation/ mounting/ dimensions

<b>Mounting position</b>	any
<b>Mounting type</b>	base mounting
<b>Height</b>	28 mm
<b>Width</b>	22.5 mm

Depth

35 mm

## Certificates/ approvals

General Product Approval

Declaration of Conformity

Marine / Ship-  
ping



UR



VDE



EG-Konf.

[Miscellaneous](#)



LRS

## other

[Confirmation](#)

## Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZX:PT520024>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT520024>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT520024>

**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:PT520024&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT520024&lang=en)

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