

Plug-in relay 1 W, Width 15 mm, 24 V DC for LZS sockets

Product brand name	SIRIUS
Product designation	Plug-in relay
Product type designation	LZX

### General technical data

Consumed active power	400 mW
Percental drop-out voltage related to the input voltage	10 %
Shock resistance	5g / 11 ms
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> </ul>	
Vibration resistance	30 ... 150 Hz: 4g
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> </ul>	
Switching behavior	monostable
Design of the switching function	changeover switch
Design of the switching function positively driven	No
Mechanical service life (switching cycles)	30 000 000
<ul style="list-style-type: none"> <li>• typical</li> </ul>	
Electrical endurance (switching cycles)	100 000
<ul style="list-style-type: none"> <li>• at AC-15 at 230 V typical</li> </ul>	
Thermal current	16 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

Control supply voltage at DC	24 V
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	
Operating range factor control supply voltage rated value at DC	0.9
<ul style="list-style-type: none"> <li>• initial value</li> <li>• Full-scale value</li> </ul>	1.4
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





<b>Number of CO contacts</b> • for auxiliary contacts	1
<b>Operating current of auxiliary contacts at AC-15</b> • at 250 V	6 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	6 A

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

<b>Installation/ mounting/ dimensions</b>	
<b>Mounting position</b>	any
<b>Mounting type</b>	base mounting
<b>Height</b>	29 mm
<b>Width</b>	12.7 mm
<b>Depth</b>	19.5 mm

<b>Certificates/ approvals</b>	
<b>General Product Approval</b>	<b>Declaration of Conformity</b>
 UR	 VDE
 EAC	 EG-Konf.
	<a href="#">Miscellaneous</a>
	<a href="#">Confirmation</a>

<b>Further information</b>	
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b> <a href="http://www.siemens.com/sirius/catalogs">www.siemens.com/sirius/catalogs</a>	
<b>Industry Mall (Online ordering system)</b> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZX:RT314024">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZX:RT314024</a>	
<b>Cax online generator</b> <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=LZX:RT314024">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=LZX:RT314024</a>	
<b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b> <a href="https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314024">https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314024</a>	
<b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b> <a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT314024&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT314024&amp;lang=en</a>	
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