

Plug-in relay 1 change-over contact, hard gold-plated 230 V AC, for LZS sockets






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	15 %
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	10 000 000
Electrical endurance (switching cycles)	
• at AC-15 at 230 V typical	70 000
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
<b>Control circuit/ Control</b>	
<b>Control supply voltage at AC</b>	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
<b>Control supply voltage frequency</b>	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
<b>Supply voltage frequency for auxiliary and control current circuit rated value</b>	50 ... 60 Hz
<b>Operating range factor control supply voltage rated value at AC at 50 Hz</b>	
• initial value	0.9
• Full-scale value	1.1
<b>Operating range factor control supply voltage rated value at AC at 60 Hz</b>	
• initial value	0.9
• Full-scale value	1.1
<b>Design of the relay operating mechanism</b>	poled
<b>Product component Plug-in socket</b>	No
<b>Auxiliary circuit</b>	
<b>Type of switching contact</b>	Changeover contact
<b>Material of switching contacts</b>	AgNi 90/10-HTV
<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	1
<b>Operating current of auxiliary contacts at AC-15</b>	
• at 250 V	3 A
<b>Main circuit</b>	
<b>Type of voltage</b>	AC
<b>Outputs</b>	
<b>Ampacity of the output relay at AC-15</b>	
• at 250 V at 50/60 Hz	3 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

Width	12.7 mm
Depth	19.5 mm

#### Certificates/ approvals

General Product Approval	Declaration of Conformity	other
 UR	 EAC	 EG-Konf.

[Miscellaneous](#)

[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?mfb=LZX:RT315730>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=LZX:RT315730>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT315730>

##### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=LZX:RT315730&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=LZX:RT315730&lang=en)

last modified:

09/13/2019