

Plug-in relay, 1 change-over contact 115 V AC, 16 A, Width 15.5 mm 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
Vibration resistance	
• acc. to IEC 60068-2-6	30 ... 150 Hz: 5g
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

Control circuit/ Control

Control supply voltage at AC	
• at 50 Hz rated value	115 V
• at 60 Hz rated value	115 V
Control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
Supply voltage frequency for auxiliary and control current 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	
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	1
Operating current of auxiliary contacts at AC-15	
• at 250 V	3 A

Main circuit	
Type of voltage	AC

Outputs	
Ampacity of the output relay at AC-15	
• at 250 V at 50/60 Hz	3 A

Connections/ Terminals	
Product function	
• removable terminal	No

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

Certificates/ approvals				
General Product Approval	Declaration of Conformity	other		
 UR		 EG-Konf.	Miscellaneous	Confirmation

Further information
Information- and Downloadcenter (Catalogs, Brochures,...) www.siemens.com/sirius/catalogs
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=LZX:RT314615

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT314615>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314615>

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:RT314615&lang=en

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