



Plug-in relay, 1 change-over contact 24 V AC, 16 A, Width 15.5 mm for LZS sockets

Figure similar

product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
<b>General technical data</b>	
percental drop-out voltage related to the input voltage	15 %
shock resistance according to IEC 60068-2-27	5g / 11 ms
vibration resistance according to IEC 60068-2-6	30 ... 150 Hz: 5g
operating frequency without load	36 000 1/h
operating frequency with load	360 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	10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	70 000
thermal current	16 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
<b>Control circuit/ Control</b>	
control supply voltage at AC	24 V
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage frequency	50 Hz
• 1 rated value	60 Hz
• 2 rated value	50 ... 60 Hz
supply voltage frequency for auxiliary and control circuit rated value	
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
<b>Auxiliary circuit</b>	
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
operational current of auxiliary contacts at AC-15	3 A
• at 250 V	

### Main circuit

type of voltage	AC
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	3 A

### Connections/ Terminals

product function removable terminal	No
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### Installation/ mounting/ dimensions

mounting position	any
fastening method	base mounting
height	29 mm
width	12.7 mm
depth	19.5 mm

### Ambient conditions

ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C

### Certificates/ approvals

General Product Approval	Declaration of Conformity
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[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:RT314524>

Cax online generator  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT314524>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314524>

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:RT314524&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT314524&lang=en)

Characteristic: Derating  
<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314524/manual>



