



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

Figure similar

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Plug-in relay
<b>product type designation</b>	LZX
<b>General technical data</b>	
<b>percental drop-out voltage related to the input voltage</b>	15 %
<b>shock resistance according to IEC 60068-2-27</b>	5 g / 11 ms
<b>vibration resistance according to IEC 60068-2-6</b>	30 ... 150 Hz: 5 g
<b>operating frequency without load</b>	36 000 1/h
<b>operating frequency with load</b>	360 1/h
<b>switching behavior</b>	monostable
<b>mechanical service life (operating cycles) typical</b>	10 000 000
<b>electrical endurance (operating cycles) at AC-15 at 230 V typical</b>	70 000
<b>thermal current</b>	16 A
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibitance (Date)</b>	05/01/2012
<b>Net Weight</b>	0.015 kg
<b>Control circuit/ Control</b>	
<b>control supply voltage at AC</b>	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 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 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>Switching Function</b>	
<b>design of the switching function</b>	changeover switch
<b>Mechanical data</b>	
<b>product component plug-in socket</b>	No
<b>design of the relay operating mechanism</b>	poled
<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	
• at 250 V	3 A

#### 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

#### Approvals Certificates

Environment	General Product Approval
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[Environmental Con-  
firmations](#)



#### other

[Confirmation](#)

[Confirmation](#)



#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### 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

<https://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, ...)

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=LZX:RT314524&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT314524&lang=en)



