




Plug-in relay 2 W, Width 15 mm, 12 V DC for LZS sockets

Figure similar

product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
<b>General technical data</b>	
consumed active power	400 mW
percental drop-out voltage related to the input voltage	10 %
shock resistance according to IEC 60068-2-27	5 g / 11 ms
vibration resistance according to IEC 60068-2-6	30 ... 150 Hz: 5 g
operating frequency without load	72 000 1/h
operating frequency with load	360 1/h
switching behavior	monostable
mechanical service life (operating cycles) typical	30 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	8 A
reference code according to IEC 81346-2	K
Substance Prohibitance (day/month/year)	05/01/2012
Net Weight	0.01 kg
<b>Control circuit/ Control</b>	
control supply voltage at DC rated value	12 V
operating range factor control supply voltage rated value at DC	
• initial value	0.9
• full-scale value	1.4
<b>Switching Function</b>	
design of the switching function	changeover switch
<b>Mechanical data</b>	
product component plug-in socket	No
design of the relay operating mechanism	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	2
operational current of auxiliary contacts at AC-15	
• at 250 V	3 A
operational current at DC-13 at 24 V rated value	2 A
operational current of auxiliary contacts at DC-13	

• at 24 V	2 A
<b>Main circuit</b>	
<b>type of voltage</b>	DC
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	3 A
<b>ampacity of the output relay at DC-13</b>	
• at 24 V	2 A
<b>Connections/ Terminals</b>	
<b>product function removable terminal</b>	No
<b>Installation/ mounting/ dimensions</b>	
<b>mounting position</b>	any
<b>fastening method</b>	base mounting
<b>height</b>	29 mm
<b>width</b>	12.7 mm
<b>depth</b>	19.5 mm
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C

**Approvals Certificates**

Environment	General Product Approval	other
<a href="#">Environmental Confirmations</a>	   	<a href="#">Confirmation</a>

other
<a href="#">Confirmation</a> 

**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:RT424012>

**Cax online generator**  
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT424012>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT424012>

**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:RT424012&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT424012&lang=en)

