

Plug-in relay 2 W, Width 15 mm, 125 V DC for LZS sockets

product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
<b>General technical data</b>	
consumed active power	420 mW
percental drop-out voltage related to the input voltage	10 %
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	72 000 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 (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 (Date)	05/01/2012
<b>Control circuit/ Control</b>	
control supply voltage at DC	
• rated value	110 V
operating range factor control supply voltage rated value at DC	
• initial value	0.9
• full-scale value	1.4
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	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>	
type of voltage	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> <ul style="list-style-type: none"><li>• at 24 V</li></ul>	2 A	
Connections/ Terminals		
product function removable terminal	No	
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 <ul style="list-style-type: none"><li>• during operation</li><li>• during storage</li><li>• during transport</li></ul>	<div>-40 ... +85 °C</div> <div>-40 ... +85 °C</div> <div>-40 ... +85 °C</div>	
Certificates/ approvals		
General Product Approval	Declaration of Conformity	other

[Confirmation](#)



[Confirmation](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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:RT424110>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT424110>

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

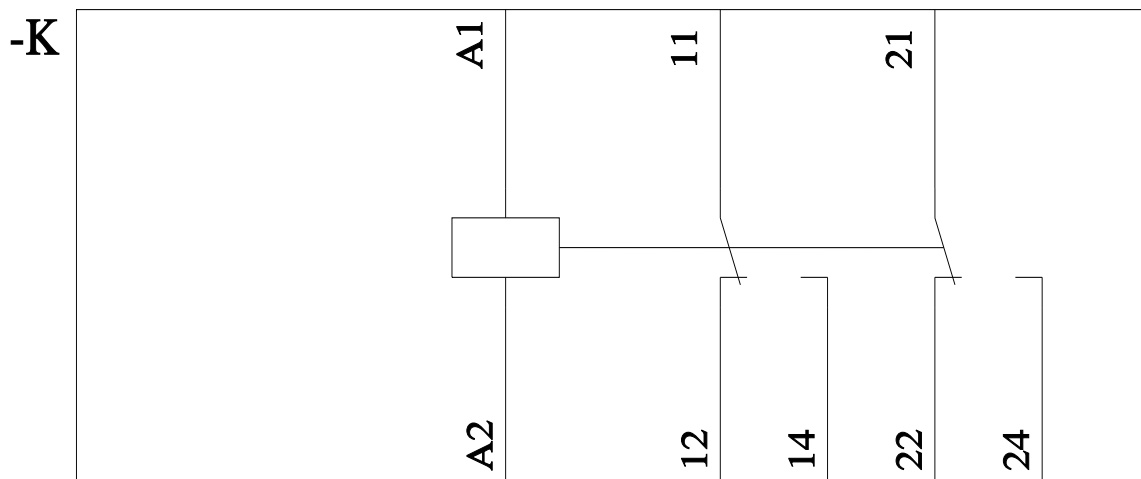
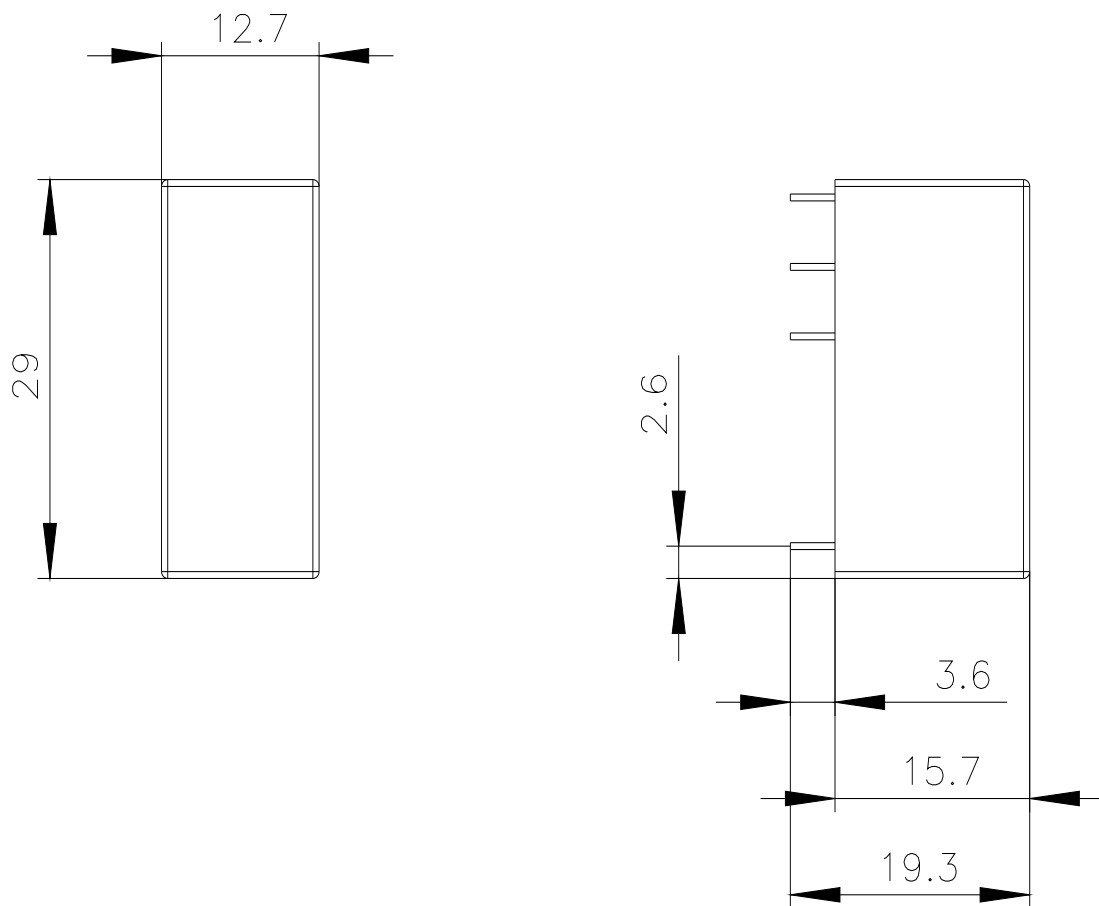
<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT424110>

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:RT424110&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT424110&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT424110/manual>





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