



Plug-in relay, 2 change-over contacts 24 V AC, also 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	30 %
shock resistance according to IEC 60068-2-27	5g / 11 ms
vibration resistance according to IEC 60068-2-6	30 ... 150 Hz: 4g
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 (operating cycles) typical	20 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	180 000
thermal current	12 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012

### Control circuit/ Control

control supply voltage at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
supply voltage frequency for auxiliary and control 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	2
<b>operational current of auxiliary contacts at AC-15</b>	
• at 250 V	2 A
operational current at DC-13 at 24 V rated value	4 A
<b>operational current of auxiliary contacts at DC-13</b>	
• at 24 V	4 A

#### Main circuit

<b>type of voltage</b>	AC
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	2 A
<b>ampacity of the output relay at DC-13</b>	
• at 24 V	4 A

#### Connections/ Terminals

<b>product function removable terminal</b>	No
--	----

#### Installation/ mounting/ dimensions

<b>mounting position</b>	any
<b>fastening method</b>	base mounting
<b>height</b>	28 mm
<b>width</b>	22.5 mm
<b>depth</b>	35 mm

#### Ambient conditions

<b>ambient temperature</b>	
• during operation	-40 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C

#### Certificates/ approvals

<b>General Product Approval</b>	<b>Declaration of Conformity</b>
---------------------------------	----------------------------------

[Confirmation](#)



EG-Konf.

<b>Marine / Shipping</b>	<b>other</b>
--------------------------	--------------



LRS

[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:PT270524>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT270524>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT270524>

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:PT270524&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT270524&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT270524/manual>



