



Plug-in relay 4 changeover contacts, hard gold-plated 24 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	741 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: 4g
operating frequency without load	36 000 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	250 000
thermal current	6 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
Weight	0.03 kg
<b>Control circuit/ Control</b>	
control supply voltage at DC rated value	24 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	4
operational current of auxiliary contacts at AC-15	
• at 250 V	4 A
operational current at DC-13 at 24 V rated value	4 A
operational current of auxiliary contacts at DC-13	
• at 24 V	4 A

Main circuit	
type of voltage	DC
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	4 A
ampacity of the output relay at DC-13	
• at 24 V	4 A

Connections/ Terminals	
product function removable terminal	No

Installation/ mounting/ dimensions	
mounting position	any
fastening method	base mounting
height	28 mm
width	22.5 mm
depth	35 mm

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

### Approvals Certificates

#### General Product Approval



[Confirmation](#)



EG-Konf.



UR



VDE



Marine / Shipping	other	Environment
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LRS

[Confirmation](#)

[Environmental Con-  
firmations](#)

### Further information

#### 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:PT580024>

#### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT580024>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT580024>

#### 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:PT580024&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT580024&lang=en)

#### Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT580024/manual>



