

Plug-in relay, 2 change-over contacts 24 V DC, also for LZS sockets



product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
General technical data	
consumed active power	741 mW
percental drop-out voltage related to the input voltage	10 %
shock resistance	
• acc. to IEC 60068-2-27	5g / 11 ms
vibration resistance	
• acc. 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 (switching cycles)	
• typical	30 000 000
electrical endurance (switching cycles)	
• at AC-15 at 230 V typical	180 000

thermal current	12 A
reference code acc. to IEC 81346-2	K
Control circuit/ Control	
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
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
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
Outputs	
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 |

Certificates/ approvals

General Product Approval



UR



VDE



EG-Konf.

[Miscellaneous](#)



LRS

other

[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:PT270024>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT270024>

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

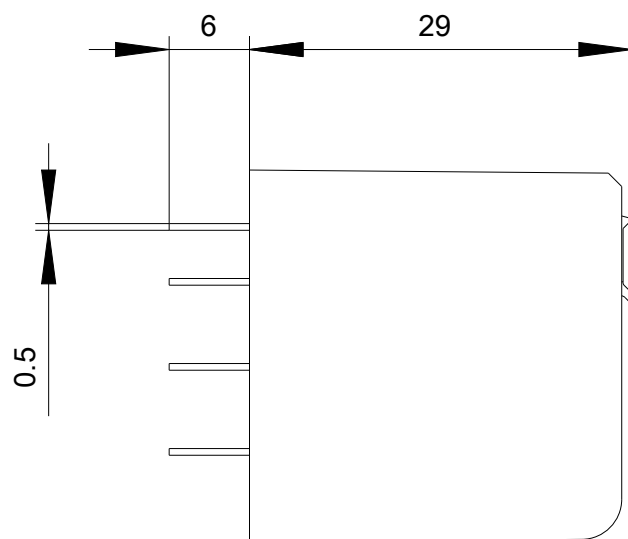
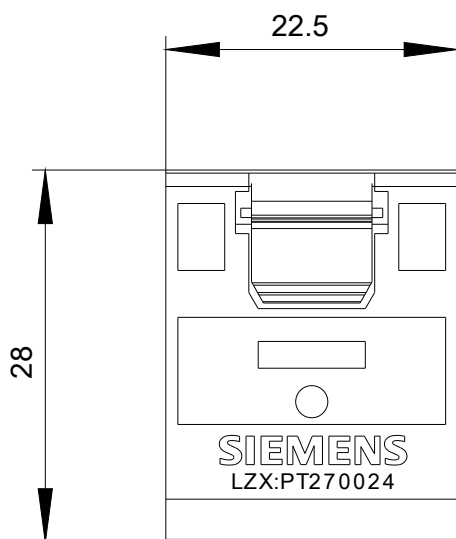
<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT270024>

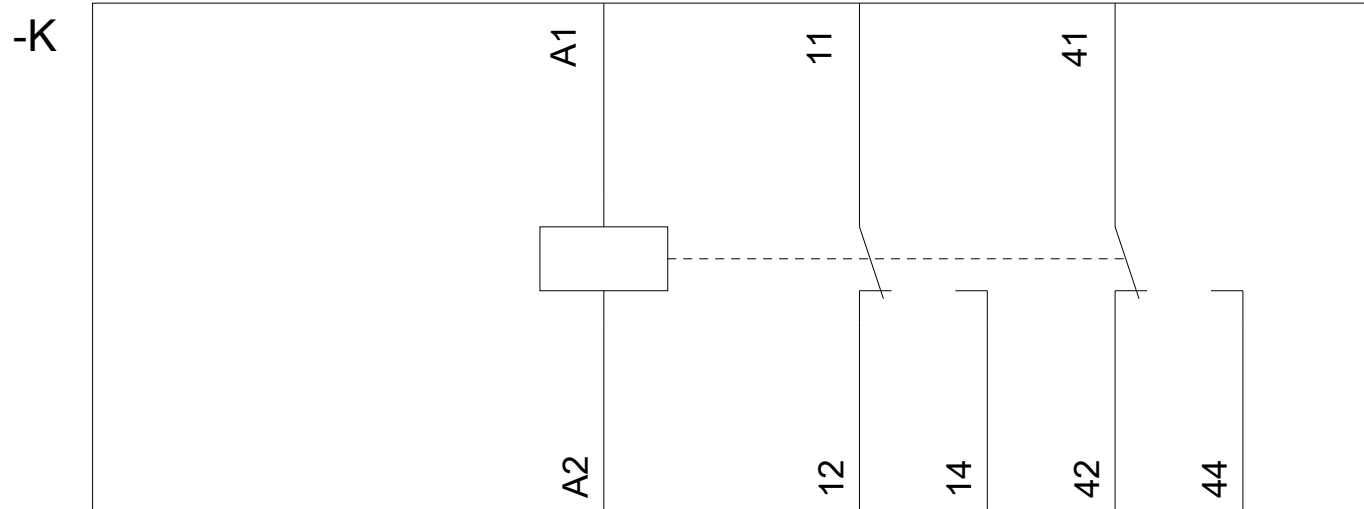
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT270024&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT270024/manual>





last modified:

11/04/2020