# **SIEMENS**

Data sheet LZX:PT570524



Plug-in relay, 4 changeover contacts 24 V AC, 6 A, Width 22.5 mm for LZS sockets

product brand name product designation product type designation SIRIUS Plug-in relay LZX

#### General technical data

percental drop-out voltage related to the input voltage shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency without load operating frequency with load switching frequency with load switching behavior design of the switching function design of the switching function positively driven mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical thermal current reference code according to IEC 81346-2 Substance Prohibitance (Date)

30 %
5g / 11 ms
30 ... 150 Hz: 4g
36 000 1/h
360 1/h
monostable
changeover switch
No
20 000 000
250 000

K 05/01/2012

### Control circuit/ Control

initial value

### control supply voltage at AC

at 50 Hz rated valueat 60 Hz rated value

24 V 24 V

50 Hz

control supply voltage frequency

1 rated value
 2 rated value

• 2 rated value 60 Hz supply voltage frequency for auxiliary and control 50 ... 60 Hz circuit rated value

operating range factor control supply voltage rated value at AC at 50 Hz

• full-scale value

operating range factor control supply voltage rated value at AC at 60 Hz  $\,$ 

initial value
 full-scale value
 design of the relay operating mechanism
 product component plug-in socket

0.9

0.9 1.1 poled

No

## Auxiliary circuit

type of switching contact material of switching contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Changeover contact AgNi 90/10

0

number of CO contacts for auxiliary contacts	4	
operational current of auxiliary contacts at AC-15	·	
• at 250 V	2 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	AC	
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	2 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		
<ul> <li>during operation</li> </ul>	-40 +70 °C	
<ul><li>during storage</li></ul>	-40 +70 °C	
during transport	-40 +70 °C	
Certificates/ approvals		
General Product Approval		Declaration of Conformity

Confirmation











Marine / Shipping

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:PT570524

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT570524

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

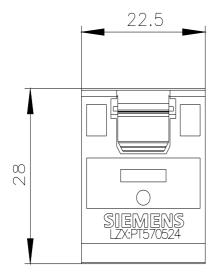
https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT570524

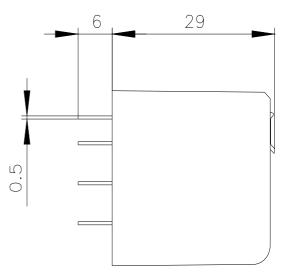
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

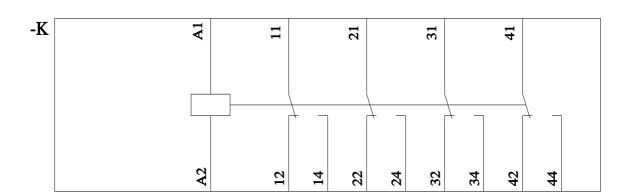
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=LZX:PT570524&lang=en

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT570524/manual







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