SIEMENS

Data sheet LZX:PT520024



Plug-in relay 4 changeover contacts, without test bracket 24 V DC, for LZS sockets

product brand nameSIRIUSproduct designationPlug-in relayproduct type designationLZX

General technical data

741 mW consumed active power 10 % percental drop-out voltage related to the input voltage shock resistance according to IEC 60068-2-27 5g / 11 ms vibration resistance according to IEC 60068-2-6 30 ... 150 Hz: 4g 36 000 1/h operating frequency without load operating frequency with load 360 1/h monostable switching behavior design of the switching function changeover switch design of the switching function positively driven mechanical service life (operating cycles) typical 30 000 000 electrical endurance (operating cycles) at AC-15 at 250 000 230 V typical thermal current 6 A reference code according to IEC 81346-2

Control circuit/ Control

Substance Prohibitance (Date)

ontrol supply voltage at DC

orated value
operating range factor control supply voltage rated value at DC

orated value
operating range factor control supply voltage rated value at DC

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

Auxiliary circuit

type of switching contact

material of switching contacts
number of NC contacts for auxiliary contacts
number of NO contacts for auxiliary contacts
number of CO contacts for auxiliary contacts
operational current of auxiliary contacts at AC-15

• at 250 V
operational current at DC-13 at 24 V rated value
operational current of auxiliary contacts at DC-13
• at 24 V

Changeover contact

05/01/2012

24 V

0.9

1.4

No

poled

AgNi 90/10 0 0 4

4 A 4 A

DC

4 A

Main circuit

type of voltage

ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13	4 A	
• 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		Declaration of Conformity

Confirmation











Marine / Shipping

other



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:PT520024

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT520024

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

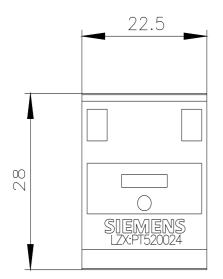
https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT520024

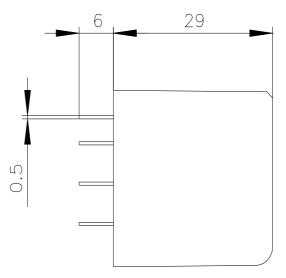
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

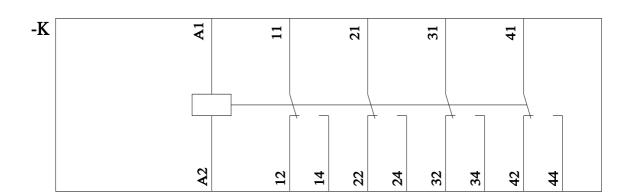
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT520024&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT520024/manual







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