SIEMENS

Data sheet LZX:PT580024



Plug-in relay 4 changeover contacts, hard gold-plated 24 V DC, for LZS sockets

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

General technical data

consumed active power
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 behavior
design of the switching function
design of the switching function positively driven
mechanical service life (operating cycles) typical
electrical endurance (operating cycles) at AC-15 at
230 V typical
thermal current
reference code according to IEC 81346-2

741 mW
10 %
5g / 11 ms
30 ... 150 Hz: 4g
36 000 1/h
360 1/h
monostable
changeover switch
No
30 000 000
250 000

6 A
K
05/01/2012

Control circuit/ Control

Substance Prohibitance (Date)

control supply voltage at DC

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

24 V

• full-scale value design of the relay operating mechanism product component plug-in socket 0.9 1.4 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
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 AgNi 90/10

0 0 4

4 A 4 A

4 A

DC

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:PT580024

Cax online generator

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

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

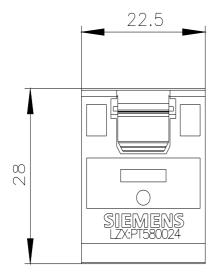
 $\underline{https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT580024}$

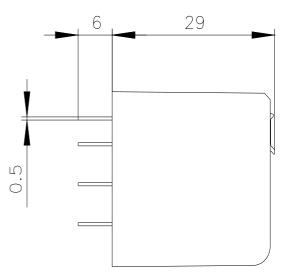
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

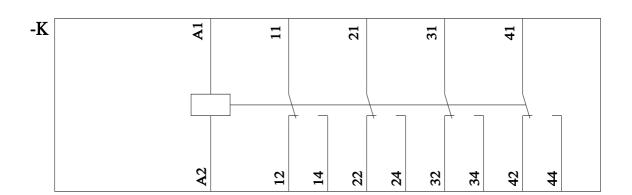
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT580024&lang=en

Characteristic: Derating

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







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