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

741 mW

5g / 11 ms

30 ... 150 Hz: 4g 36 000 1/h

10 %

360 1/h monostable

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 (switching cycles) typical
electrical endurance (switching cycles) at AC-15 at
230 V typical
thermal current

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

reference code according to IEC 81346-2

initial value
 full-scale value

design of the relay operating mechanism
product component plug-in socket

24 V

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

4 A 4 A

0

4

• at 24 V
Main circuit

DC

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

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,...)

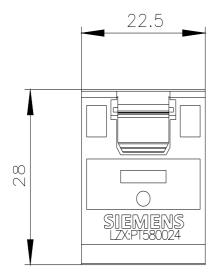
https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT580024

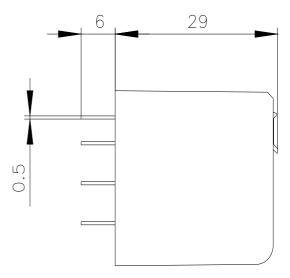
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

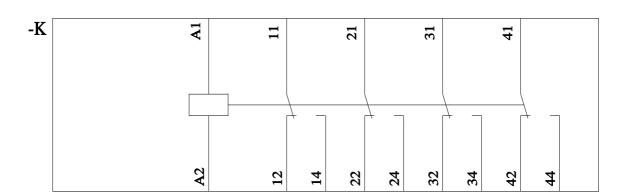
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT580024\&lang=en}}$

Characteristic: Derating

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







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