SIEMENS

Data sheet LZX:PT270524



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

product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
General technical data	
percental drop-out voltage related to the input voltage	30 %
shock resistance according to IEC 60068-2-27	5g / 11 ms
vibration resistance according 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 (operating cycles) typical	20 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	180 000
thermal current	12 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
Control circuit/ Control	
control supply voltage at AC	
 at 50 Hz rated value 	24 V
at 60 Hz rated value	24 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
supply voltage frequency for auxiliary and control circuit rated value	50 60 Hz
operating range factor control supply voltage rated value at AC at 50 Hz	
• initial value	0.9
full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
• initial value	0.9
full-scale value	1.1
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

during transport Certificates/ approvals	-40 +70 °C	
during storage	-40 +70 °C	
during operation	-40 +70 °C	
ambient temperature		
Ambient conditions		
depth	35 mm	
width	22.5 mm	
height	28 mm	
fastening method	base mounting	
mounting position	any	
Installation/ mounting/ dimensions		
product function removable terminal	No	
Connections/ Terminals		
● at 24 V	4 A	
ampacity of the output relay at DC-13		
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	2 A	
type of voltage	AC	
Main circuit		
• at 24 V	4 A	
operational current of auxiliary contacts at DC-13		
operational current at DC-13 at 24 V rated value	4 A	
• at 250 V	2 A	
operational current of auxiliary contacts at AC-15		
number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts	2	

Confirmation











Marine / Shipping

other



Confirmation

Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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:PT270524

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=LZX:PT270524}$

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

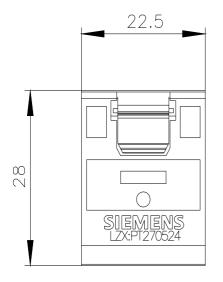
https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT270524

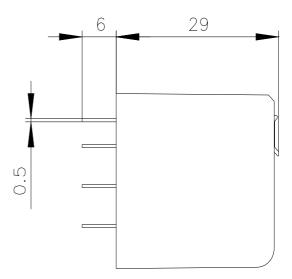
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

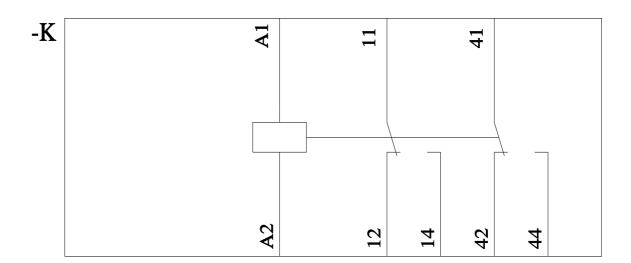
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT270524\&lang=en}$

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT270524/manual







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