SIEMENS

Data sheet LZX:PT580024



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

product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
General technical data	
consumed active power	741 mW
percental drop-out voltage related to the input voltage	10 %
shock resistance according to IEC 60068-2-27	5g / 11 ms
operating frequency without load	36 000 1/h
operating frequency with load	360 1/h
switching behavior	monostable
mechanical service life (operating cycles) typical	30 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	250 000
thermal current	6 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
Control circuit/ Control	
control supply voltage at DC rated value	
●	24 V
operating range factor control supply voltage rated value at DC	
● initial value	0.9
● full-scale value	1.4
Switching Function	
design of the switching function	changeover switch
Mechanical data	
product component plug-in socket	No
design of the relay operating mechanism	poled
Auxiliary circuit	
type of switching contact	Changeover contact
material of switching contacts	AgNi 90/10
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	4
operational current of auxiliary contacts at AC-15	
● at 250 V	4 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	

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type of voltage	DC
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	4 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	
● during operation	-40 ... +70 °C
● during storage	-40 ... +70 °C
● during transport	-40 ... +70 °C
Approvals Certificates	
General Product Approval	

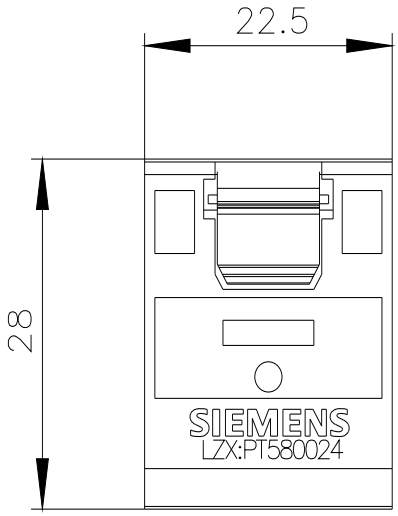
Confirmation

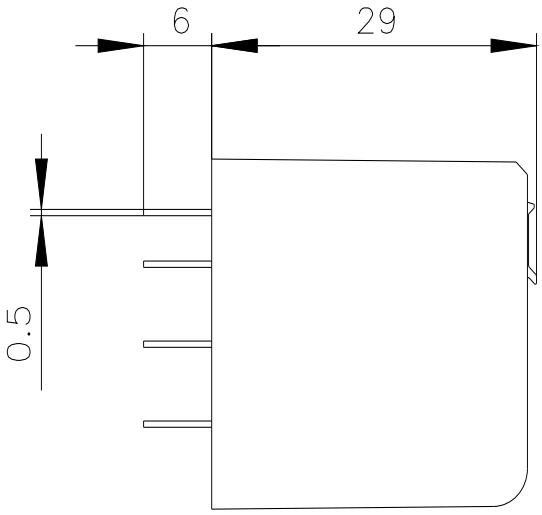
General Product Approval	Marine / Shipping	other	Environment
		Confirmation	Environmental Confirmations

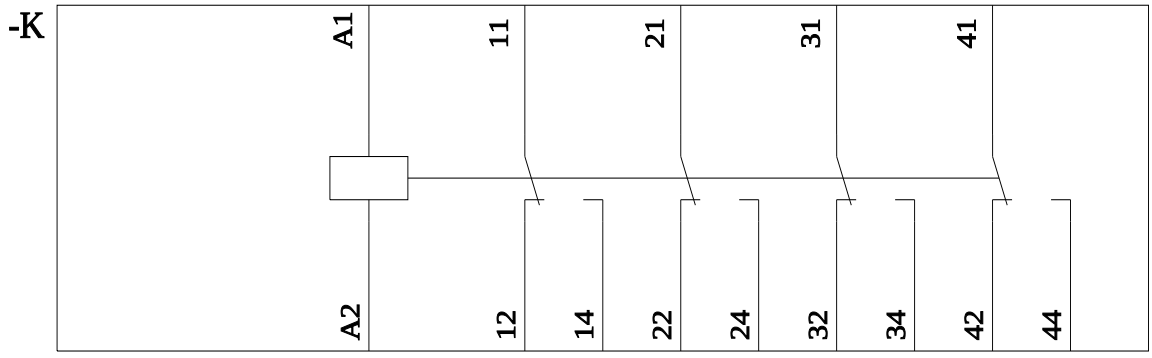
Further information

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,...)
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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last modified: 12/23/2020

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