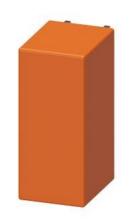
SIEMENS

Data sheet LZX:RT314024



Plug-in relay 1 W, Width 15 mm, 24 V DC for LZS sockets

Figure similar

product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
General technical data	
consumed active power	400 mW
percental drop-out voltage related to the input voltage	10 %
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	72 000 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	30 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	16 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	
DC	0.9
	0.9 1.4
• initial value	
initial value full-scale value	1.4
initial value full-scale value design of the relay operating mechanism	1.4 poled
initial value full-scale value design of the relay operating mechanism product component plug-in socket	1.4 poled
initial value full-scale value design of the relay operating mechanism product component plug-in socket Auxiliary circuit	1.4 poled No
initial value full-scale value design of the relay operating mechanism product component plug-in socket Auxiliary circuit type of switching contact	1.4 poled No Changeover contact
initial value full-scale value design of the relay operating mechanism product component plug-in socket Auxiliary circuit type of switching contact material of switching contacts	1.4 poled No Changeover contact AgNi 90/10
initial value 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	1.4 poled No Changeover contact AgNi 90/10 0
initial value 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	1.4 poled No Changeover contact AgNi 90/10 0
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initial value 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	1.4 poled No Changeover contact AgNi 90/10 0 0 1
initial value 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	1.4 poled No Changeover contact AgNi 90/10 0 0 1
initial value 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 Main circuit	1.4 poled No Changeover contact AgNi 90/10 0 1

Connections/ Terminals		
product function removable terminal	No	
Installation/ mounting/ dimensions		
mounting position	any	
fastening method	base mounting	
height	29 mm	
width	12.7 mm	
depth	19.5 mm	
Ambient conditions		
ambient temperature		
 during operation 	-40 +85 °C	
 during storage 	-40 +85 °C	
 during transport 	-40 +85 °C	
Certificates/ approvals		
General Product Approval	Declaration of Conformity	

Confirmation











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:RT314024

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT314024

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

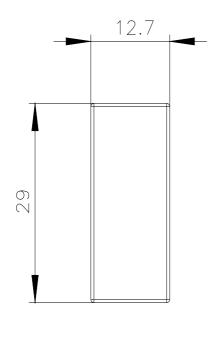
https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314024

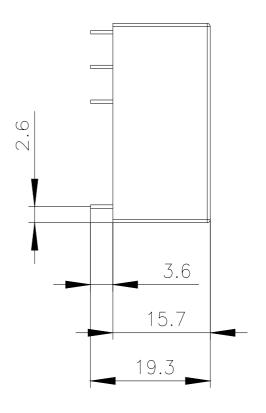
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

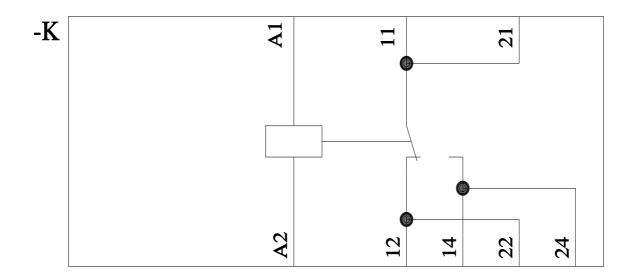
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT314024&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314024/manual







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