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Data sheet LZX:RT314024

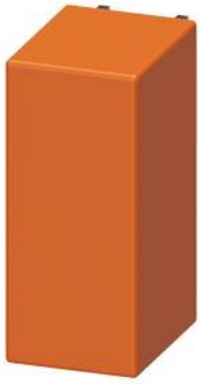


Figure similar

Plug-in relay 1 W, Width 15 mm, 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	400 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	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	
● initial value	0.9
● full-scale value	1.4
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
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	1
operational current of auxiliary contacts at AC-15	
● at 250 V	6 A
Main circuit	
type of voltage	DC
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	6 A
Connections/ Terminals	
product function removable terminal	No

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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

Approvals Certificates

General Product Approval					Declaration of Conformity
CSA	Confirmation	UR	VDE	EAC	CE EG-Konf.

Declaration of Conformity	other
UKCA	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:RT314024

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

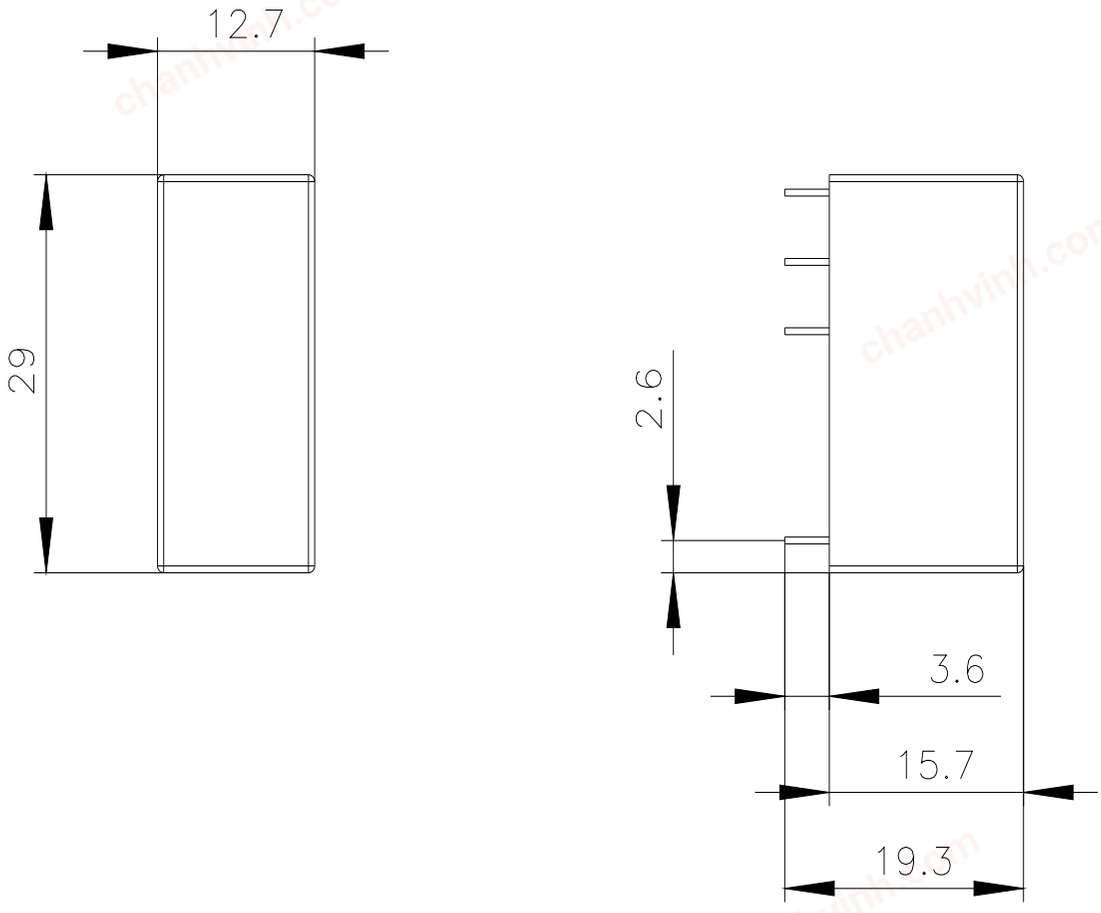
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314024

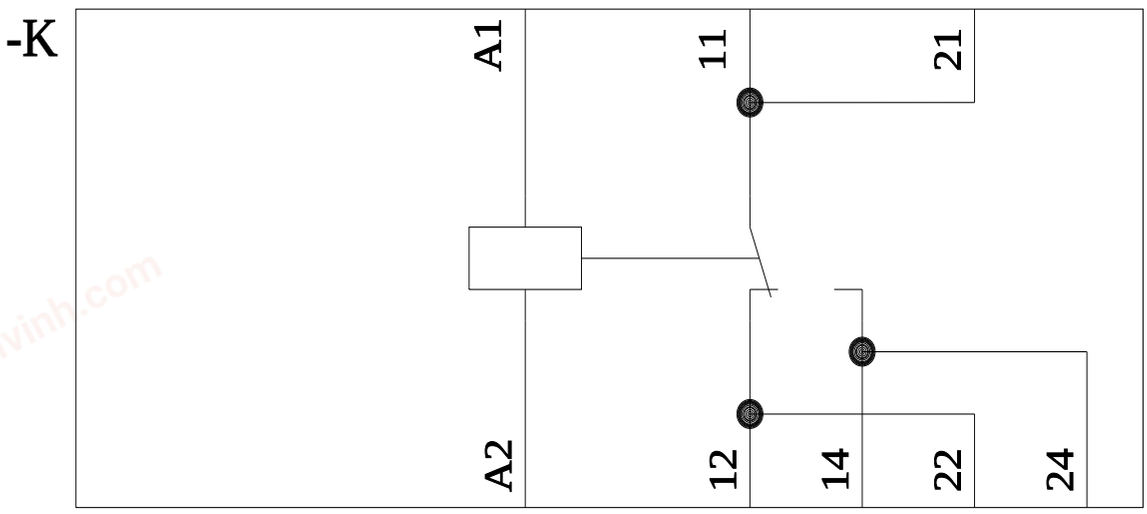
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT314024&lang=en

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

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