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Data sheet LZX:RT315730

Plug-in relay 1 change-over contact, hard gold-plated 230 V AC, for LZS sockets

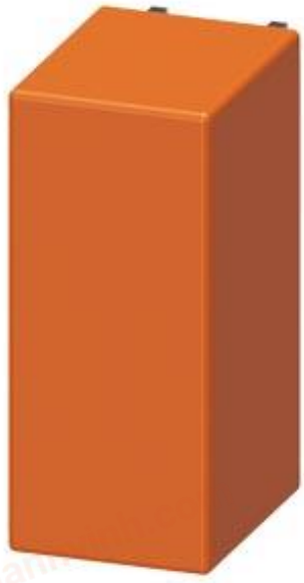


Figure similar

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	15 %
Shock resistance	
• acc. to IEC 60068-2-27	5g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	30 ... 150 Hz: 5g
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 (switching cycles)	
• typical	10 000 000
Electrical endurance (switching cycles)	

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• at AC-15 at 230 V typical	70 000
thermal current	16 A
Reference code acc. to DIN EN 81346-2	K

Control circuit/ Control

Control supply voltage at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
control supply voltage frequency	
• **1 rated value**	50 Hz
• **2 rated value**	60 Hz
Supply voltage frequency for auxiliary and control current 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-HTV
Number of NC contacts for auxiliary contacts	0
Number of NO contacts for auxiliary contacts	0
Number of CO contacts	
• for auxiliary contacts	1
• operating current of auxiliary contacts at AC-15 at 250 V	3 A

Main circuit

type of voltage	AC

Outputs

Ampacity of the output relay at AC-15	
• at 250 V at 50/60 Hz	3 A

Connections/ Terminals

Product function	
• removable terminal	No

Installation/ mounting/ dimensions

• **mounting position**	any

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Mounting type	base mounting
Height	29 mm
Width	12.7 mm
Depth	19.5 mm

Ambient conditions

Ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C

Certificates/ approvals

General Product Approval	Declaration of Conformity	other	
		Miscellaneous	Confirmation

UR

EG-Konf.

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:RT315730

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT315730

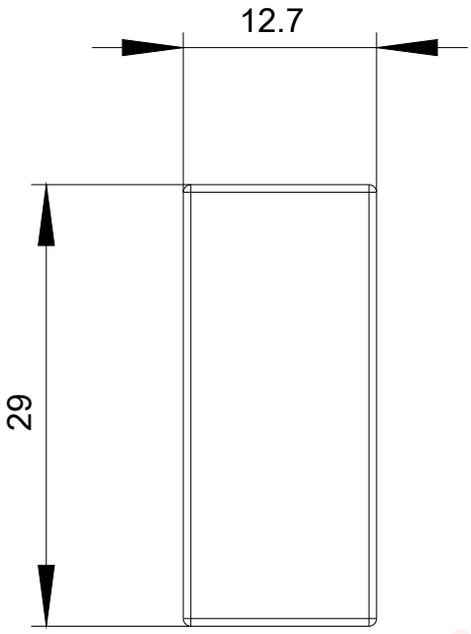
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT315730

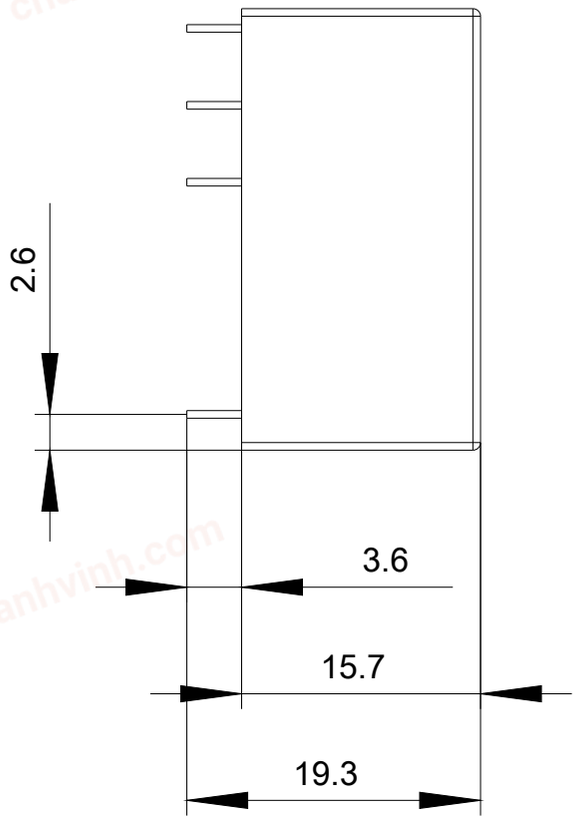
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:RT315730&lang=en

Characteristic: Derating
https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT315730/manual

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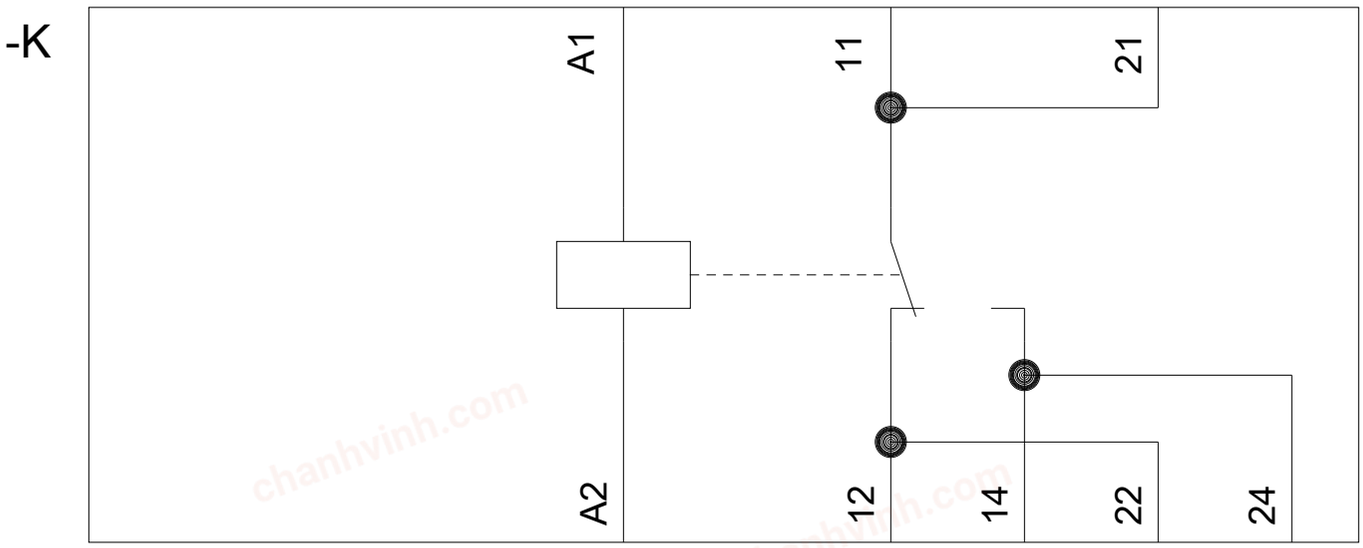
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