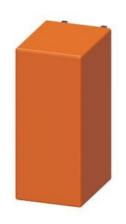
SIEMENS

Data sheet

LZX:RT314524



Plug-in relay, 1 change-over contact 24 V AC, 16 A, Width 15.5 mm for LZS sockets

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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 according to IEC 60068-2-27	5g / 11 ms
vibration resistance according 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 (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	70 000
thermal current	16 A
reference code according to IEC 81346-2	К
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

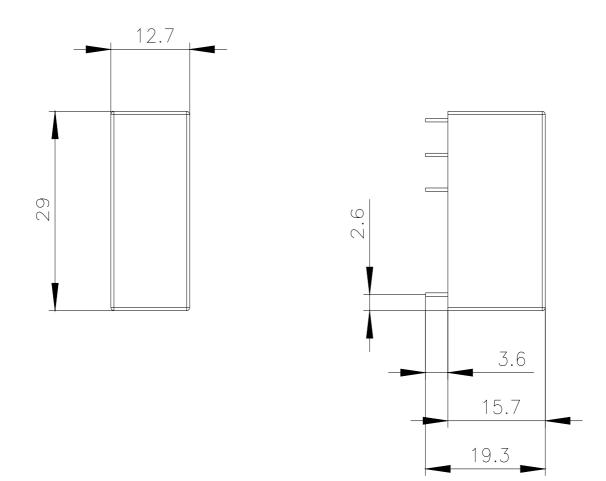
Confirmation	COL UK CE		
General Product Approval	Declaration of Conformity		
Certificates/ approvals			
during transport	-40 +85 °C		
during storage	-40 +85 °C		
during operation	-40 +70 °C		
ambient temperature			
Ambient conditions			
depth	19.5 mm		
width	12.7 mm		
height	29 mm		
mounting position fastening method	_ any base mounting		
nstallation/ mounting/ dimensions			
product function removable terminal	No		
Connections/ Terminals			
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	3 A		
type of voltage	AC		
Main circuit			
• at 250 V	3 A		
operational current of auxiliary contacts at AC-15			
number of CO contacts for auxiliary contacts	1		
number of NO contacts for auxiliary contacts	0		
number of NC contacts for auxiliary contacts	0		

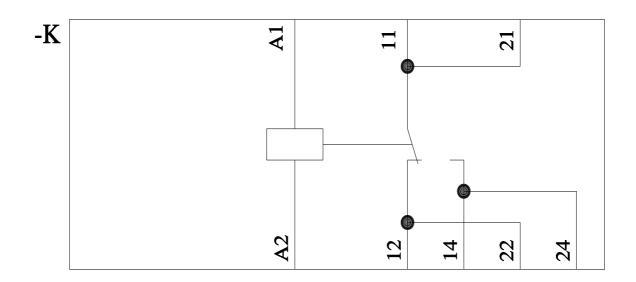
other

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:RT314524 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:RT314524 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT31452 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:RT314524&lang=en Characteristic: Derating https://support.industry.siemens.com/cs/ww/en/ps/LZX:RT314524/manual





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6/28/2023