SIEMENS

Data sheet

LZX:RT314524

	Plug-in relay, 1 change-over contact 24 V AC, 16 A, Width 15.5 mm for LZS sockets		
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 supply voltage frequency for auxiliary and control 	60 Hz 50 60 Hz		
circuit rated value	JU UU 1/2		
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 number of NC contacts for auxiliary contacts	AgNi 90/10 0		
number of No contacts for auxiliary contacts	U		

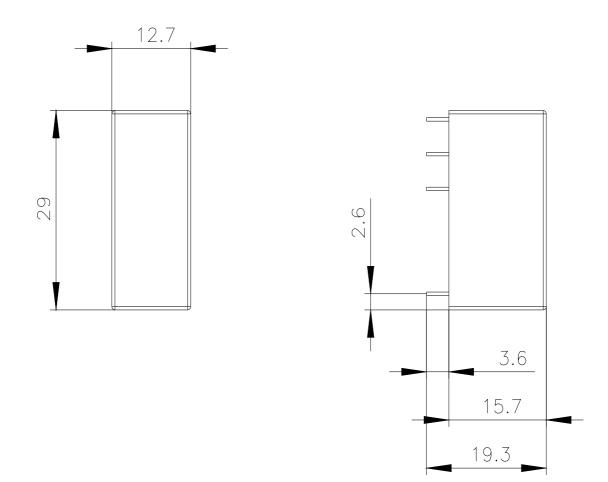
number of NO contacts for auxiliary contacts	0			
number of CO contacts for auxiliary contacts	1			
operational current of auxiliary contacts at AC-15				
• at 250 V	3 A			
Main circuit				
type of voltage	AC			
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	3 A			
Connections/ Terminals				
product function removable terminal	No			
Installation/ mounting/ dimensions				
mounting position	any			
fastening method	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 Conf	ormity	
Confirmation	ГПГ	UK	"	
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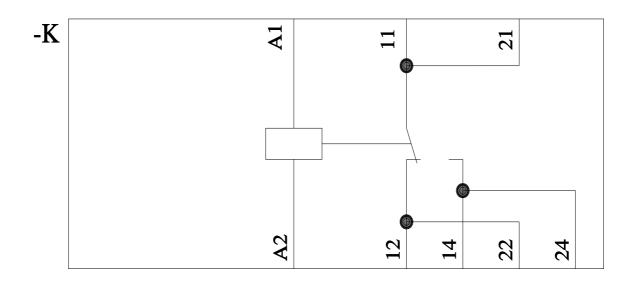
other

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:RT314524 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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