SIEMENS

Data sheet LZX:PT270524



Plug-in relay, 2 change-over contacts 24 V AC, also for LZS sockets

product brand name product designation Plug-in relay product type designation Plug-in relay product type designation LZX Ceneral technical data percental drop-out voltage related to the input voltage shock resistance according to IEC 60068-2-27 59 /11 ms vibration resistance according to IEC 60068-2-6 30 150 Hz. 4g operating frequency without load 36 000 1/h operating frequency without load 36 000 1/h operating frequency without load 36 000 1/h monostable design of the switching function design of the switching function positively driven mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current reference code according to IEC 81346-2 K Substance Prohibitance (Date) control supply voltage at AC at 50 Hz rated value 24 V at 50 Hz rated value 24 V control supply voltage frequency 1 rated value 24 V at 60 Hz rated value 24 V control supply voltage frequency for auxiliary and control circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz initial value 1.1 operating range factor control supply voltage rated value at AC at 60 Hz initial value 1.1 initial value 1.1 design of the raley operating machanism poled product component plug-in socket Auxiliary circuit type of switching contacts number of NC contacts for auxiliary contacts 0 Changeover contact material of switching contacts AgNi 90/10		
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percental drop-out voltage related to the input voltage shock resistance according to IEC 60068-2-27 \$\frac{5}{9}\frac{7}{11 \text{ ms}}\$ vibration resistance according to IEC 60068-2-6 \$\text{ operating frequency without load} \text{ 36 \text{ over} \text{ operating frequency with load} \text{ 360 \text{ of the switching function} \text{ obsolement} \text{ operating frequency with load} \text{ 360 \text{ of the switching function} \text{ obsolement} obso	product type designation	LZX
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vibration resistance according to IEC 60068-2-6 operating frequency without load operating frequency with load switching behavior monostable design of the switching function design of the switching function positively driven mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 12 A reference code according to IEC 81346-2 K Substance Prohibitance (Date) Control circuit/ Control control supply voltage at AC at 50 Hz rated value at 60 Hz rated value 24 V 1 rated value 2 rated value 50 Hz supply voltage frequency alique frequency for auxillary and control circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz initial value full-scale value f	percental drop-out voltage related to the input voltage	30 %
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switching behavior design of the switching function changeover switch design of the switching function positively driven mechanical service life (operating cycles) typical 20 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 12 A reference code according to IEC 81346-2 K Substance Prohibitance (Date) 05/01/2012 Control circuit/ Control control supply voltage at AC • at 50 Hz rated value 24 V control supply voltage frequency • 1 rated value 50 Hz • 2 rated value 60 Hz supply voltage frequency 60 Hz • 2 rated value 60 Hz supply voltage frequency 60 Hz • 1 rated value 60 Hz supply voltage frequency for auxiliary and control circuit rated value 90 Hz supply voltage frequency for auxiliary and control circuit rated value 90 Hz • (ull-scale value 1.1 operating range factor control supply voltage rated value at AC at 60 Hz • (initial value 90 Hz) • (ull-scale value 90 Hz) • (ull-	operating frequency without load	36 000 1/h
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thermal current reference code according to IEC 81346-2 K Substance Prohibitance (Date) Control circuit/ Control control supply voltage at AC	mechanical service life (operating cycles) typical	20 000 000
reference code according to IEC 81346-2 Substance Prohibitance (Date) Control Circuit/ Control control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value • 24 V control supply voltage frequency • 1 rated value • 2 rated value supply voltage frequency for auxiliary and control circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz • initial value operating range factor control supply voltage rated value at AC at 60 Hz • initial value operating range factor control supply voltage rated value at AC at 60 Hz • initial value operating range factor control supply voltage rated value at AC at 60 Hz • initial value operating range factor control supply voltage rated value at AC at 60 Hz • initial value operating range factor control supply voltage rated value at AC at 60 Hz • full-scale value 1.1 design of the relay operating mechanism poled product component plug-in socket No Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10		180 000
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Control circuit/ Control control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value 24 V control supply voltage frequency • 1 rated value 50 Hz • 2 rated value 50 Hz supply voltage frequency for auxiliary and control circuit rated value coperating range factor control supply voltage rated value at AC at 50 Hz • initial value • full-scale value 1.1 operating range factor control supply voltage rated value at AC at 60 Hz • initial value • full-scale value 1.1 design of the relay operating mechanism poled product component plug-in socket No Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	reference code according to IEC 81346-2	K
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control supply voltage frequency • 1 rated value • 2 rated value • 30 Hz supply voltage frequency for auxiliary and control circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz • initial value • full-scale value operating range factor control supply voltage rated value at AC at 60 Hz operating range factor control supply voltage rated value at AC at 60 Hz • initial value • full-scale value operating range factor control supply voltage rated value at AC at 60 Hz • initial value • 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	• at 50 Hz rated value	24 V
1 rated value 2 rated value 30 Hz supply voltage frequency for auxiliary and control circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz initial value initial value operating range factor control supply voltage rated value at AC at 60 Hz initial value initial v	• at 60 Hz rated value	24 V
2 rated value supply voltage frequency for auxiliary and control circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz initial value full-scale value operating range factor control supply voltage rated value at AC at 60 Hz initial value initial value initial value operating range factor control supply voltage rated value at AC at 60 Hz initial value initial value ofull-scale value 1.1 design of the relay operating mechanism poled product component plug-in socket No Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	control supply voltage frequency	
supply voltage frequency for auxiliary and control circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz • initial value • full-scale value operating range factor control supply voltage rated value at AC at 60 Hz • initial value • initial value • initial value • full-scale value of the relay operating mechanism poled product component plug-in socket Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	• 1 rated value	50 Hz
rated value operating range factor control supply voltage rated value at AC at 50 Hz • initial value • full-scale value operating range factor control supply voltage rated value at AC at 60 Hz • initial value • initial value • full-scale value 1.1 design of the relay operating mechanism product component plug-in socket Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	• 2 rated value	60 Hz
AC at 50 Hz initial value full-scale value full-scale value operating range factor control supply voltage rated value at AC at 60 Hz initial value full-scale value full-scale value full-scale value Action of the relay operating mechanism poled product component plug-in socket Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10		50 60 Hz
• full-scale value operating range factor control supply voltage rated value at AC at 60 Hz • initial value • full-scale		
operating range factor control supply voltage rated value at AC at 60 Hz • initial value • full-scale value 1.1 design of the relay operating mechanism product component plug-in socket No Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	• initial value	0.9
AC at 60 Hz initial value full-scale value full-scale value 1.1 design of the relay operating mechanism product component plug-in socket No Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	• full-scale value	1.1
● full-scale value design of the relay operating mechanism poled product component plug-in socket No Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10		
design of the relay operating mechanism product component plug-in socket No Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	• initial value	0.9
product component plug-in socket Auxiliary circuit type of switching contact material of switching contacts AgNi 90/10	• full-scale value	1.1
Auxiliary circuit type of switching contact	design of the relay operating mechanism	poled
type of switching contact material of switching contacts Changeover contact AgNi 90/10	product component plug-in socket	No
material of switching contacts AgNi 90/10	Auxiliary circuit	
	type of switching contact	Changeover contact
number of NC contacts for auxiliary contacts	material of switching contacts	AgNi 90/10
	number of NC contacts for auxiliary contacts	0

during transport Certificates/ approvals	-40 +70 °C	
during storage	-40 +70 °C	
during operation	-40 +70 °C	
ambient temperature		
Ambient conditions		
depth	35 mm	
width	22.5 mm	
height	28 mm	
fastening method	base mounting	
mounting position	any	
Installation/ mounting/ dimensions		
product function removable terminal	No	
Connections/ Terminals		
● at 24 V	4 A	
ampacity of the output relay at DC-13		
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	2 A	
type of voltage	AC	
Main circuit		
• at 24 V	4 A	
operational current of auxiliary contacts at DC-13		
operational current at DC-13 at 24 V rated value	4 A	
• at 250 V	2 A	
operational current of auxiliary contacts at AC-15		
number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts	2	

Confirmation











Marine / Shipping

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:PT270524

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=LZX:PT270524}$

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

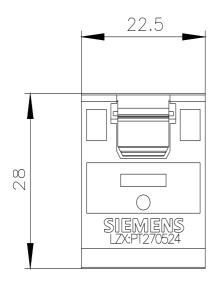
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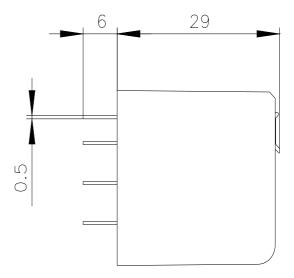
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

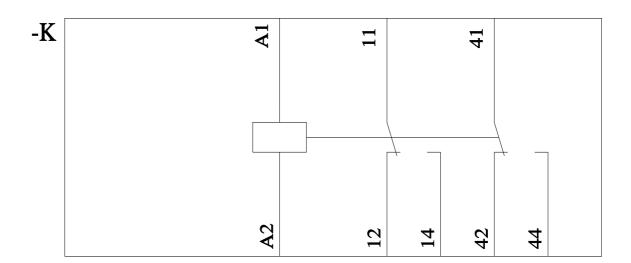
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT270524&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT270524/manual







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