

Plug-in relay, 3 changeover contacts 24 V DC, 10 A, Width 22.5 mm for LZS sockets



Product brand name	SIRIUS
Product designation	Plug-in relay
Product type designation	LZX
General technical data	
Power loss [W] total typical	1 W
Consumed active power	741 mW
Percental drop-out voltage related to the input voltage	10 %
Shock resistance	
• acc. to IEC 60068-2-27	5g / 11 ms
Operating frequency maximum	600 1/s
Switching behavior	monostable
Design of the switching function	changeover switch
Design of the switching function positively driven	No
Mechanical service life (switching cycles)	
• typical	30 000 000
Electrical endurance (switching cycles)	
• at AC-15 at 230 V typical	180 000
Thermal current	10 A

Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	K
Reference code acc. to DIN EN 61346-2	K

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	3
Operating current of auxiliary contacts at AC-15	
• at 250 V	4 A
Operating current at DC-13	
• at 24 V rated value	4 A
Operating current of auxiliary contacts at DC-13	
• at 24 V	4 A

Main circuit

Type of voltage	DC
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Outputs

Ampacity of the output relay at AC-15	
• at 250 V at 50/60 Hz	4 A
Ampacity of the output relay at DC-13	
• at 24 V	4 A

Connections/Terminals





Product function	
• removable terminal	No

Installation/ mounting/ dimensions

Mounting position	any
• (mounting type)	base mounting
Height	28 mm

Width	22.5 mm
Depth	35 mm

Certificates/approvals

General Product Approval		Declaration of Conformity		other
				Miscellaneous Confirmation
UR	VDE		EG-Konf.	

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZX:PT370024>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT370024>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT370024>

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:PT370024&lang=en

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